

1974  
Census  
of  
Agriculture

Volume II  
**Statistics  
by Subject**

Part 1

**General  
Information:  
Procedures  
for Collection,  
Processing,  
and  
Classification**

Issued May 1978

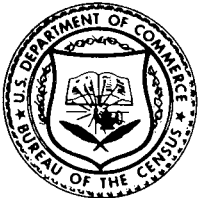


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**BUREAU OF THE CENSUS**

Manuel D. Plotkin,  
Director



## BUREAU OF THE CENSUS

Manuel D. Plotkin, Director

Robert L. Hagan, Deputy Director

Shirley Kallek, Associate Director  
for Economic Fields

Richard B. Quanrud, Assistant Director  
for Economic and Agriculture Censuses

## AGRICULTURE DIVISION

Orvin L. Wilhite, Chief

**ACKNOWLEDGMENTS**—Many persons participated in the various activities of the 1974 Census of Agriculture. Primary direction was by Shirley Kallek, Associate Director for Economic Fields. Her predecessor, James W. Turbitt, now Associate Director for Admini-

stration and Field Operations, directed the early stages of planning for the census.

This report was prepared in the Agriculture Division under the general supervision of Orvin L. Wilhite, Chief. Arnold L. Bollenbacher, Assistant Division Chief, assisted by Geraldine G. Manuel, was responsible for the overall planning and prepared text for this report. Priscilla H. Simms assisted in preparing the data tables. Harold V. Edwards coordinated production of clerical and computer tabulations. Charles E. Rogers and Darrel D. Prochaska assisted in the planning and supervised the preparation of tables on quality of data and statistical adjustments. Ralph A. Graham prepared computer specifications for the special tabulations. Sharon C. Spivey, Robert J. Harder, and Paulette M. Bonchak, under the direction of Stephen W. Schobel, performed the computer programming. Charles C. King of Systems Software Division was instrumental in providing liaison and coordinating the programming and tabulation phase. Bernadette J. Beasley and Evelyn M. Timmons provided editorial services and liaison in the publication area.

The computer processing facilities used were under the general supervision of Thomas C. DiNenna, Chief, Computer Services Division. Maps were prepared by the Geography Division under the direction of Jacob Silver, Chief, and supervision of Frederick R. Broome assisted by Henry Tom.

Within the Publication Services Division, many individuals made significant contributions in the areas of publication planning and design, editorial review, composition, and printing procurement.

Members of various agencies of the U.S. Department of Agriculture provided advice and counsel during the planning, data collecting, and processing phases of the census and assisted farmers and ranchers who requested help in completing the report form.

Special tribute is paid to the millions of farm and ranch operators and other agriculture-associated people who furnished the information requested in the census. Only through their cooperation was it possible to collect and publish the data in this report.

## Library of Congress Cataloging in Publication Data

United States. Bureau of the Census.  
1974 census of agriculture.

CONTENTS: v. 1. State reports. v.—v.2. Statistics by subject. v.—v. 3. Agricultural services. v.—v. 4. Special reports. v.

1. Agriculture—Economic aspects—United States—Statistics—Collected works. I. Title. II. Title: Census of agriculture.

HD1753 1974.B87 1977 338.1'0973

76-608387

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## REPORTS OF 1974 CENSUS OF AGRICULTURE

**Preliminary Reports.** Four pages of data published separately for each county having 10 farms or more, and for each State, the four geographic regions, and the United States. *The statistics printed in these reports are superseded by those in the final reports, Volumes I through IV.*

**Volume I. State and County Data.** One for each State, the United States, Puerto Rico, Guam, and the Virgin Islands, covering the area and its subdivisions. The reports for the States contain data for all farms and farms with sales of \$2,500 and over. *Chapter I* contains detailed data at the State level classified by size of farm, tenure and age of farm operator, type of organization, value of products sold, and major type of farm; *Chapter II*, county data summarized by subject; *Chapter III*, county data by subject for miscellaneous crop and livestock items found in relatively few counties; *Chapter IV*, county data by county.

**Volume II. Statistics by Subject.** Nine parts containing data for the United States, geographic regions and divisions, and States, for all farms and farms with sales of \$2,500 and over.

**Volume III. Agricultural Services.** Data by county for each State covering establishments whose primary activities are providing agricultural services. Data at the U.S., State, and county levels for all establishments are presented for selected four-digit standard industrial classification codes by size and type of organi-

zation. Data shown include dollar volume of business, gross receipts from products provided, gross receipts, labor and payroll by type of service performed, capital expenditures, and expenditures for electricity, gasoline, petroleum, and other fuels.

### Volume IV. Special Reports.

**Part 1. Graphic Summary.** Profiles the Nation's agricultural system in a series of U.S. maps, a number of which are printed in color. The characteristics of America's farms in 1974 are illustrated for crops, livestock, and many other characteristics.

**Part 2. Ranking Counties and States.** Reports on the top ranking 100 counties and 10 States in descending order of importance for 88 selected items for 1974 with comparative data for 1969.

**Part 3. Coverage Evaluation.** Shows the completeness of the agriculture census for States, geographic divisions, and the United States. Data also show the characteristics of farms missed by value of sales and by selected standard industrial (type-of-farm) classifications. Sampling reliability of the estimate of coverage is shown by value of sales classifications.

**Part 4. Procedural History.** A comprehensive summary of the procedures used in conducting the 1974 Census of Agriculture. In the 50 States, Puerto Rico, Guam, and the Virgin Islands. The history explains the procedures used from early planning and testing through tabulation and publication of the final reports.

**Part 5. Corporations in Agricultural Production.** Presents U.S. and selected State data on farm production characteristics and nonfarm business activities for corporations reporting agricultural operations, including the proportions of business receipts from farm, farm-related, and nonfarm-related business activities. Where appropriate, production characteristics are related to corporate characteristics.

**Part 6. Partnerships in Agricultural Production.** Reports in depth on characteristics of farm partnerships for 1976 for the United States, with selected data for States. The survey data are based on a sample of partnerships selected from the 1974 Census of Agriculture. Where appropriate, related characteristics reported in the 1974 census are shown. The report has been prepared in cooperation with Economic Statistics and Cooperative Service, U.S. Department of Agriculture.

**Part 7. Agricultural Production and Marketing Contracts.** Presents detailed information on eight commodities produced and/or marketed under production and marketing contracts in 1977: Feeder and stocker cattle, fattened cattle, feeder pigs, slaughter hogs, broilers, layers, tomatoes, and potatoes. Data are presented for groups of States comprising areas of concentration, based on samples of farms reporting contracts in the 1974 Census of Agriculture. The report has been prepared in cooperation with the Economic Statistics and Cooperative Service, U.S. Department of Agriculture.

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# INTRODUCTION

## Authority, Area Covered, and History

The 1974 Census of Agriculture was taken in accordance with the provisions of title 13, United States Code, reaffirmed by section 818 of the Agriculture and Consumer Protection Act of 1973 (Public Law 93-86). Sections 142(a) and 191 of title 13 provide for a census of agriculture every 5 years in each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands. The 1974 census is the 20th nationwide census of agriculture and the second conducted primarily by mail.

This report presents statistics for the United States and States based upon data from the 1974 census.

## Farm Definition

**1969 definition**—All 1969 statistics in this report are in accordance with the farm definition used in 1969, which was also the definition used in the 1964 and 1959 Censuses of Agriculture. These farms are places on which agricultural operations larger than a specified minimum were conducted at any time during the census year under the control of an individual management. Places of less than 10 acres were counted as farms if the sales of the agricultural products amounted, or normally would amount, to at least \$250. Places of 10 acres or more were counted as farms if the sales of agricultural products for the year

amounted, or normally would amount, to at least \$50.

**1974 definition**—All 1974 statistics in this report are in accordance with the 1974 farm definition, which differs from the earlier definition in only two respects:

1. The criterion for number of "acres in place" has been deleted.
2. The criterion for minimum value of agricultural products sold has been changed to \$1,000.

For a more detailed explanation of the change in definition and measures of the effect of the change, see appendix A of Volume I, State and County Data.

## Report Forms

Two basic census report forms were used for all States except Alaska and Hawaii: A regular form (A1) was used for farms with an expected value of sales of \$2,500 or more and a short version (A2) for farms with an expected value of sales of less than \$2,500. The short form covered only major items and omitted most of the detail found in the regular form.

In Alaska, the regular form was used for all farms. In Hawaii, a modified version of the regular form was used for all farms. The changes were principally in the crop sections to cover the specialized agriculture in the islands.

## Tabular Presentation

More detailed information was obtained for farms with sales of \$2,500 or more than for farms with less gross sales. Thus, some tables in this report present data for all farms and others present data for farms with sales of \$2,500 or more.

## Comparability of Data

In general, data for the 1974 census are directly comparable with data from the 1969 census only for farms with \$2,500 or more total value of sales, because the data for farms with less than \$2,500 sales were affected by the change in farm definition.

Dramatic changes in rates of farm expenditure and unit prices of products sold between the 1969 and 1974 censuses also affect the comparability of some census data. Between the two censuses, prices paid by farmers greatly increased. Prices received by farmers also increased but with wide fluctuations among commodities at different times during the census year of 1974.

## Abbreviations and Symbols

The following abbreviations and symbols are used throughout the tables:

- Represents zero.
- D Data withheld to avoid disclosing information for individual farms.
- X Not applicable.
- Z Less than half of the unit reported.
- NA Not available.

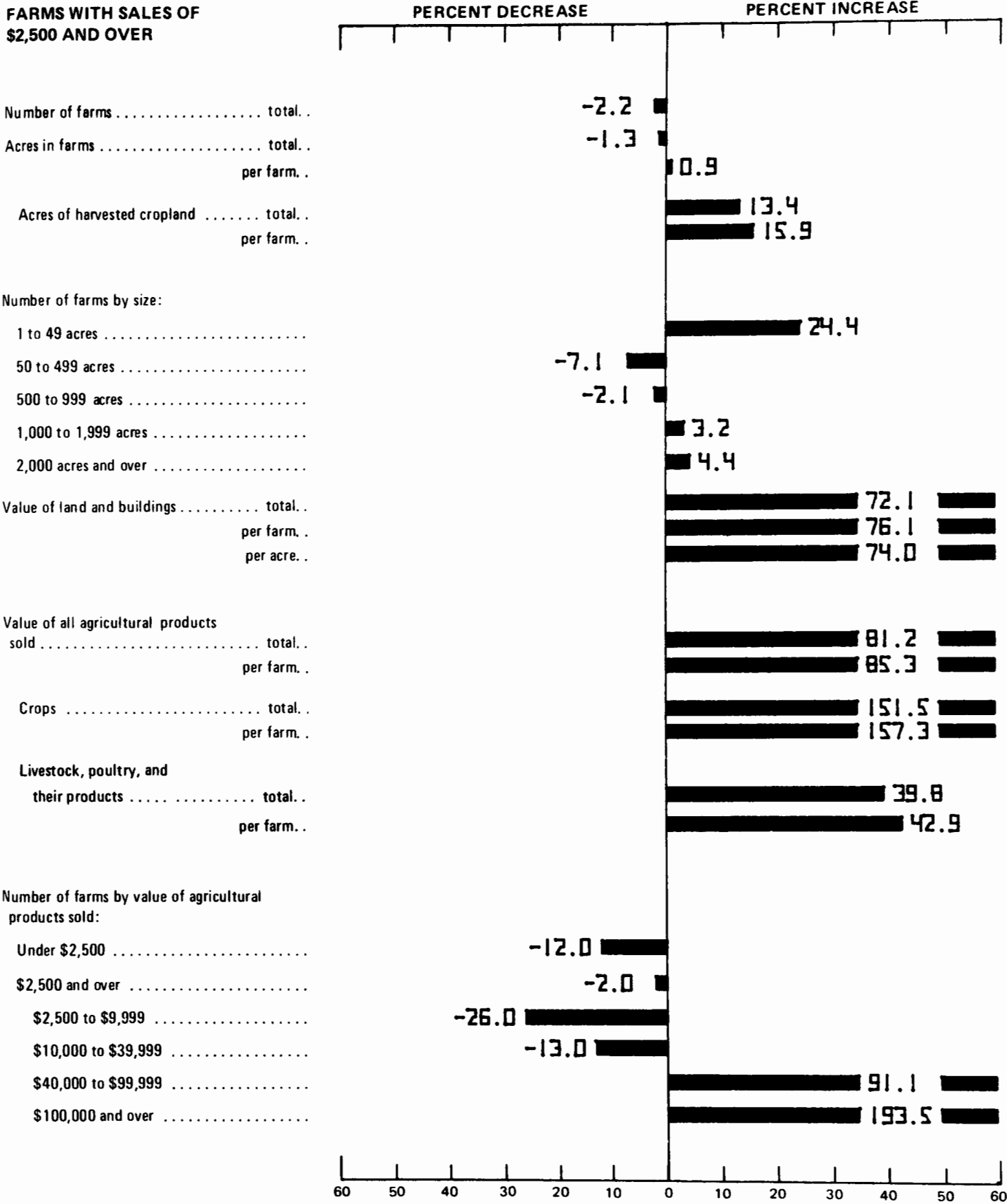
# HIGHLIGHTS of the Nation's Agriculture: 1974 and 1969

	All Farms		Farms with sales of \$2,500 and over	
	1974	1969 <sup>1</sup>	1974	1969
Number of farms . . . . . total . .	2,314,013	2,730,250	1,695,047	1,733,683
Acres in farms . . . . . total . .	1,017,030,357	1,062,892,501	905,640,107	917,858,625
per farm . .	440	389	534	529
Acres of harvested cropland . . . . . total . .	303,001,943	273,016,000	296,133,940	261,137,583
per farm . .	131	100	175	151
Number of farms by size:				
1 to 49 acres . . . . .	507,797	635,576	228,723	183,854
50 to 499 acres . . . . .	1,443,982	1,728,069	1,113,525	1,198,102
500 acres and over . . . . .	362,234	366,605	352,799	351,727
1,000 acres and over . . . . .	154,937	150,946	152,025	146,686
Value of land and buildings . . . . . total . .	342,098,790,000	206,717,277,000	308,889,631,000	179,447,777,000
per farm . .	147,838	75,714	182,231	103,507
Value of machinery and equipment on farms . . . . . total . .	48,402,624,000	25,343,077,000	43,956,691,000	22,302,062,000
per farm . .	20,917	9,282	25,932	12,864
Machinery and equipment on farms—specified items (number):				
Automobiles . . . . .	2,332,659	2,688,011	1,832,741	1,885,119
Motortrucks, including pickups . . . . .	3,038,462	2,985,014	2,527,221	2,318,129
Tractors, excluding garden tractors and motor tillers . . . . .	4,467,378	4,618,672	3,829,941	3,740,509
Value of all agricultural products sold . . . . . total . .	81,531,026,000	45,563,891,000	80,598,305,000	44,476,059,000
per farm . .	35,234	16,689	47,549	25,654
Crops . . . . . total . .	41,790,365,000	16,922,023,000	41,450,308,000	16,478,470,000
per farm . .	18,060	6,198	24,454	9,505
Livestock, poultry, and their products . . . . . total . .	39,508,750,000	28,480,921,000	38,924,743,000	27,851,310,000
per farm . .	17,074	10,432	22,964	16,065
Number of farms, excluding abnormal farms, by value of agricultural product sold:				
Under \$2,500 . . . . .	649,448	1,031,638	32,720	37,182
\$2,500 and over . . . . .	1,662,327	1,696,501	1,662,327	1,696,501
\$2,500 to \$9,999 . . . . .	553,636	748,347	553,636	748,347
\$10,000 to \$39,999 . . . . .	631,782	726,464	631,782	726,464
\$40,000 to \$99,999 . . . . .	324,310	169,695	324,310	169,695
\$100,000 to \$199,999 . . . . .	101,153	35,308	101,153	35,308
\$200,000 and over . . . . .	51,446	16,687	51,446	16,687
Value of agricultural products sold by farms, excluding abnormal farms, having sales of—				
Under \$2,500 . . . . .	742,393,000	982,837,000	45,450,000	47,559,000
\$2,500 and over . . . . .	80,552,855,000	44,428,500,000	80,552,855,000	44,428,500,000
\$2,500 to \$9,999 . . . . .	3,074,822,000	4,112,059,000	3,074,822,000	4,112,059,000
\$10,000 to \$39,999 . . . . .	13,707,036,000	14,960,508,000	13,707,036,000	14,960,508,000
\$40,000 to \$99,999 . . . . .	20,071,570,000	10,073,831,000	20,071,570,000	10,073,831,000
\$100,000 to \$199,999 . . . . .	13,758,044,000	15,282,099,000	13,758,044,000	15,282,099,000
\$200,000 and over . . . . .	29,941,383,000		29,941,383,000	
Farm production expenses—specified items:				
Commercially mixed formula feeds . . . . .	8,432,871,000	4,464,937,000	8,303,651,000	4,375,424,000
Commercial fertilizer . . . . .	5,137,361,000	2,209,185,000	5,028,120,000	2,106,881,000
Gasoline and other petroleum fuel and oil for the farm business . . . . .	3,087,606,000	1,906,579,000	2,974,861,000	1,757,722,000
Farm labor, contract labor, machine hire and customwork . . . . .	6,506,409,000	4,780,462,000	6,380,234,000	4,600,466,000

<sup>1</sup> Not fully comparable because of change in farm definition; see introduction.

CHART 1. Changes in the Nation's Agriculture: 1974 From 1969

FARMS WITH SALES OF  
\$2,500 AND OVER



# CHART 1. Changes in the Nation's Agriculture: 1974 From 1969 — Continued

## FARMS WITH SALES OF \$2,500 AND OVER

Value of agricultural products sold  
by farms having sales of—

Under \$2,500 .....

\$2,500 and over .....

\$2,500 to \$9,999 .....

\$10,000 to \$39,999 .....

\$40,000 to \$99,999 .....

\$100,000 and over .....

Farm production expenses—specified items:

Commercially mixed formula feeds .....

Commercial fertilizer .....

Gasoline and other petroleum fuel and oil  
for the farm business .....

Farm labor, contract labor, machine hire  
and customwork .....

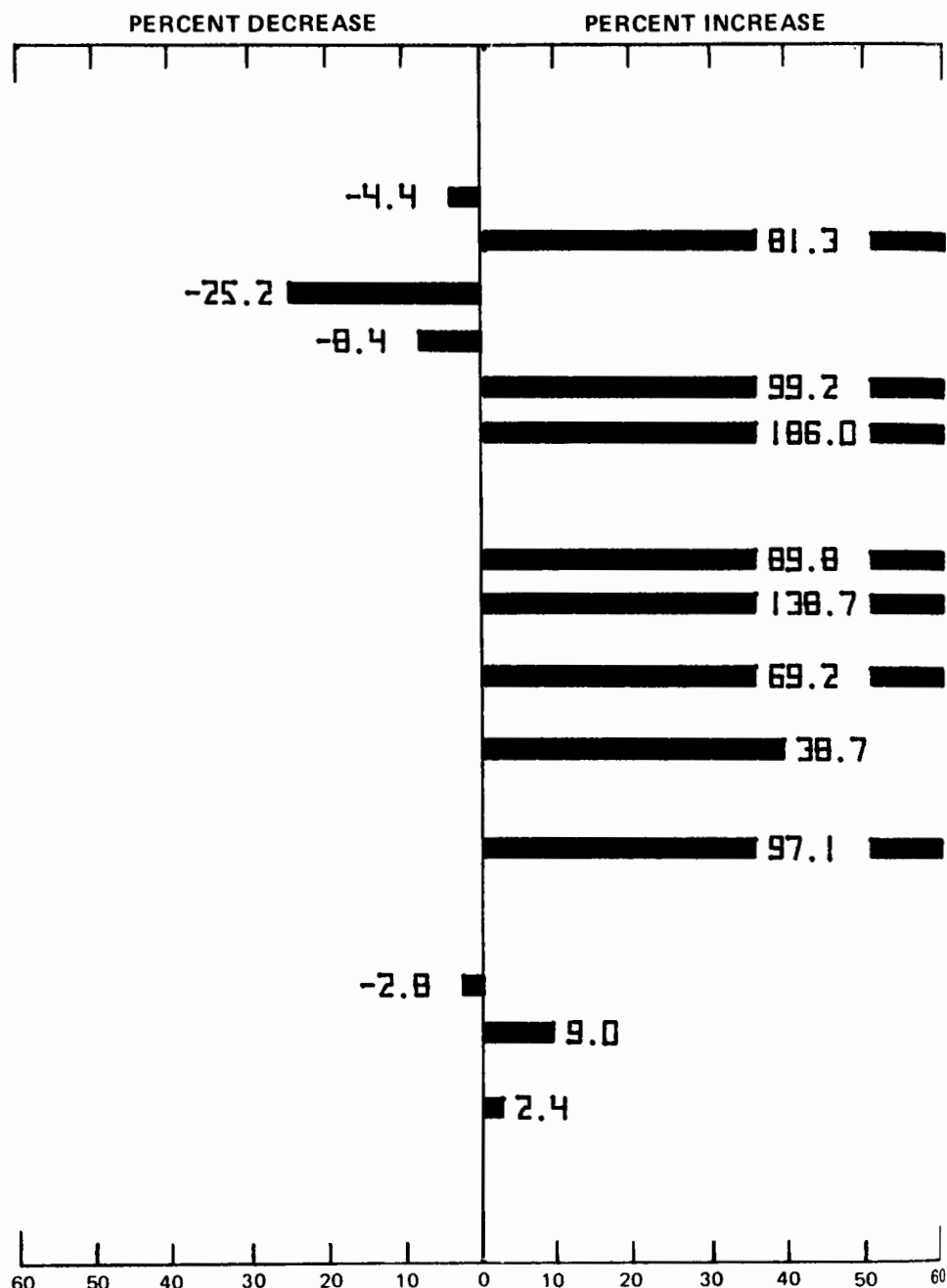
Value of machinery and equipment on  
farms .....dollars..

Machinery and equipment on farms—  
specified items:

Automobiles. .... number..

Motortrucks, including pickups. .... number..

Tractors, excluding garden tractors  
and motor tillers. .... number..



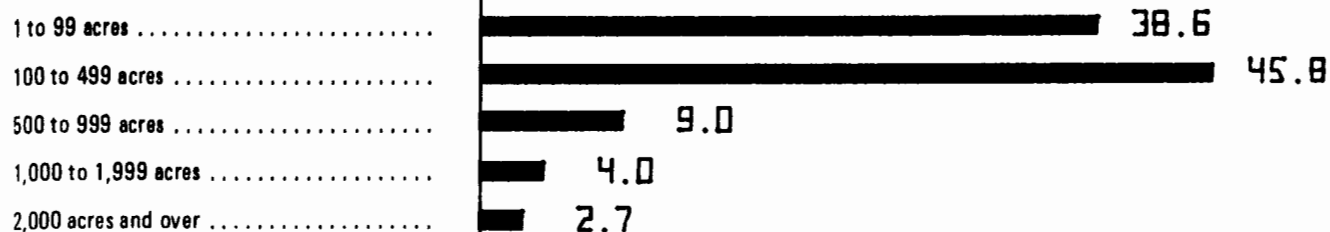


## CHART 2. Profile of the Nation's Agriculture: 1974

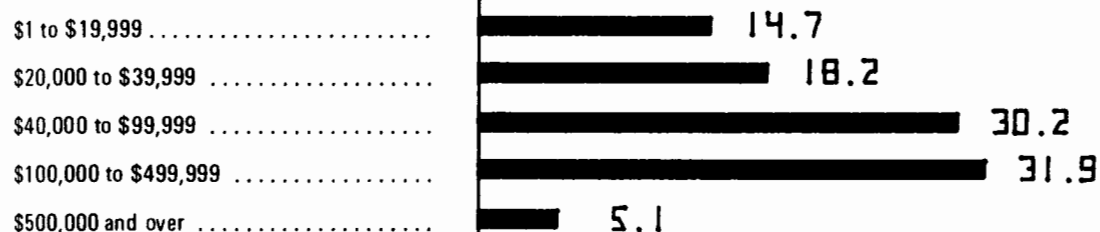
### ALL FARMS

PERCENT OF TOTAL FARMS

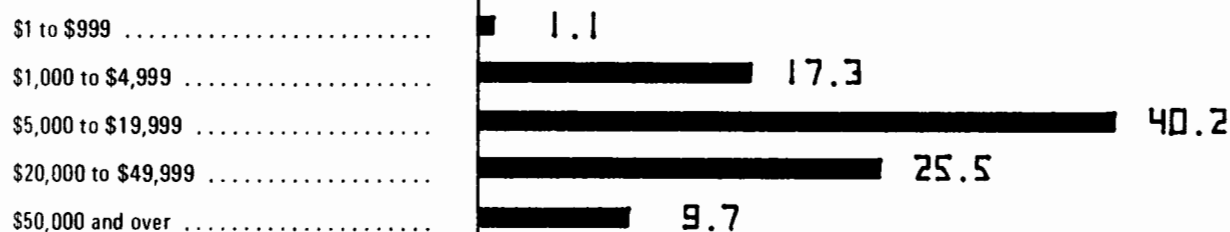
#### Farms by size:



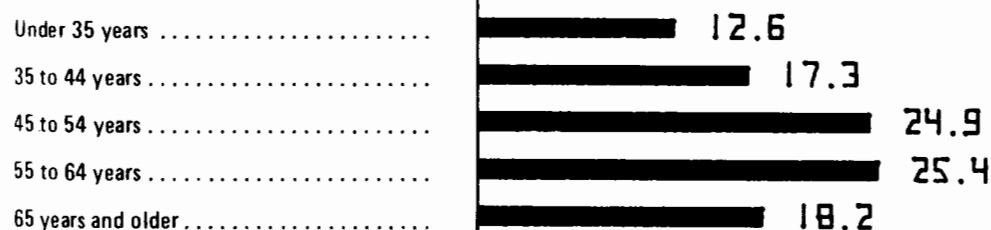
#### Farms by value of land and buildings:



#### Farms by value of machinery and equipment:



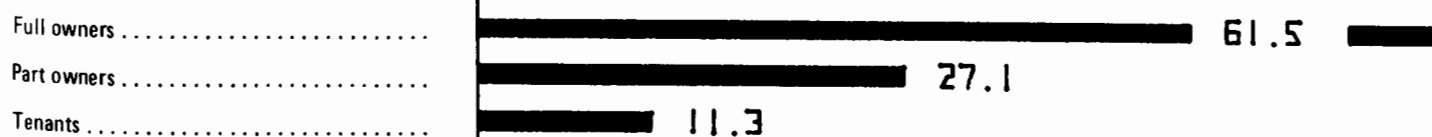
#### Farm operators by age:<sup>1</sup>



#### Farm operators working off farm:<sup>1</sup>



#### Farm operators by tenure:



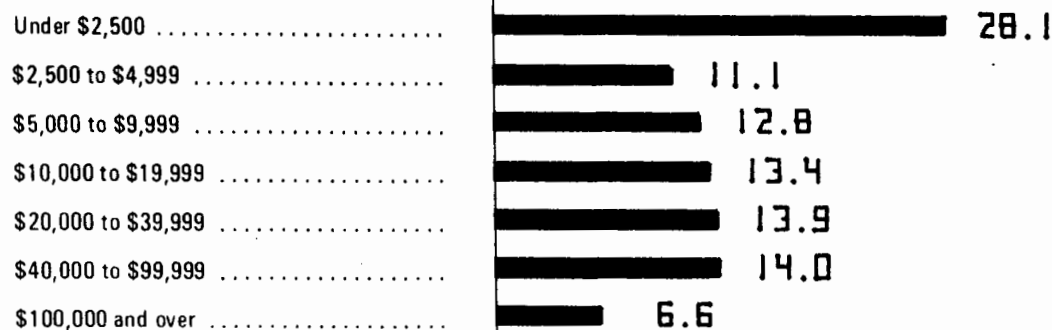
<sup>1</sup>Data apply only to individual or family operations (sole proprietorships) and partnerships.

## CHART 2. Profile of the Nation's Agriculture: 1974 — Continued

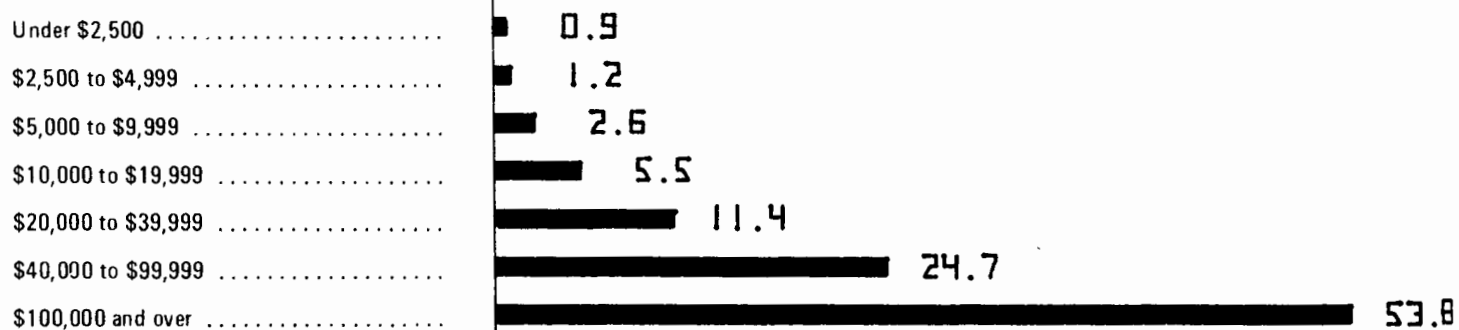
### ALL FARMS

PERCENT OF TOTAL FARMS

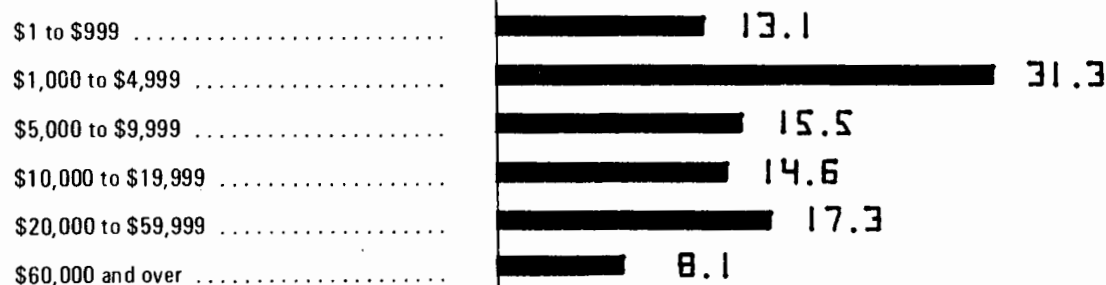
#### Farms by value of agricultural products sold:



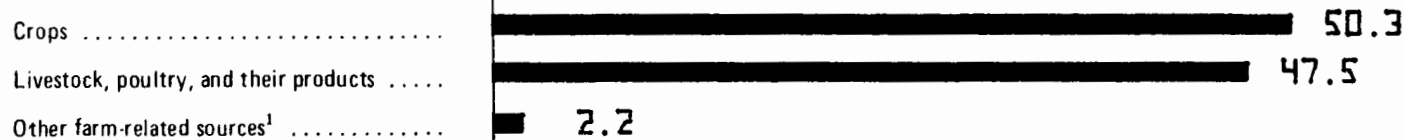
#### Value of agricultural products sold by farms having sales of—



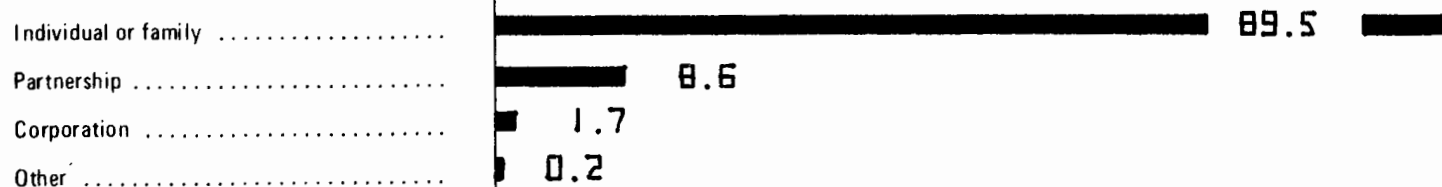
#### Farms by amount of total production expenses:



#### Sources of farm income:

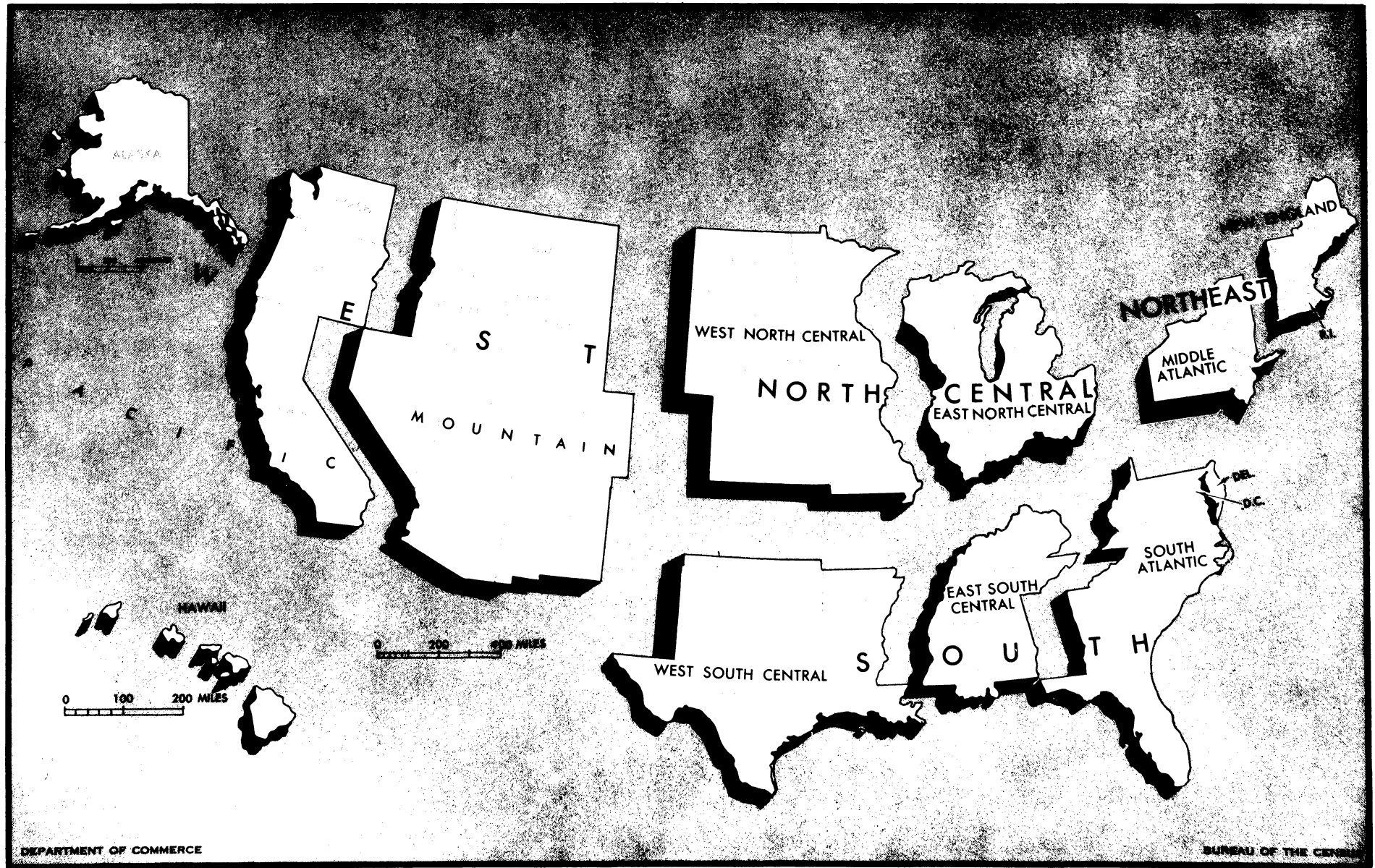


#### Type of organization for farms with sales of \$2,500 and over:



<sup>1</sup> Includes forest products sold, and income from customwork and other agricultural services, recreational services, participation in government farm programs, rental of farm property, and other miscellaneous sources closely related to the agricultural operation.

# REGIONS AND DIVISIONS OF THE UNITED STATES



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# DESCRIPTION OF THE CENSUS

This report presents general information about the 1974 Census of Agriculture. It explains how the census was planned and taken, describes the major steps taken in data collection and processing, provides needed definitions and explanations of terms, and discusses factors affecting the reliability and accuracy of the data. A more detailed account of the 1974 census is given in Volume IV, **Special Reports, Part 4, Procedural History**.

Volume II, **Statistics by Subject**, is presented in nine separate parts with statistical totals shown for the United States, the regions and divisions, and the 50 States.

## Authority, Area Covered, and History

The 1974 Census of Agriculture was taken in accordance with the provisions of title 13, United States Code, reaffirmed by section 818 of the Agricultural and Consumer Protection Act of 1973. Sections 142(a) and 191 of title 13 provide for a census of agriculture every 5 years in each State, the District of Columbia, the Virgin Islands, Guam, and the Commonwealth of Puerto Rico, and, as determined by the Secretary, other possessions and areas over which the United States exercises jurisdiction, control, or sovereignty.

The 1974 Census of Agriculture covered agricultural operations in each of the 50 States, Guam, Puerto Rico, and the Virgin Islands. American Samoa and the Trust Territory of the Pacific Islands were not included. Their last agriculture census was taken in 1970 in conjunction with the population census.

The 1974 census is the 20th nationwide census of agriculture and the second

conducted primarily by mail. The first agriculture census data were collected in 1840 as a part of the sixth decennial census. Since that time, a census of agriculture has been a part of each decennial census program, and since 1920 a national census of agriculture has been taken every 5 years.

Censuses of irrigation and drainage augment the census of agriculture. Censuses of irrigation have been conducted every 10 years since 1910 and censuses of drainage every 10 years since 1920. Data were last collected and published for 1969.

In conjunction with the 1969 Census of Agriculture, the Census Bureau initiated collection and publication of data on agricultural services provided to farmers. This step became necessary because of the increasing incidence and importance of agricultural services as a method of accomplishing land preparation, crop and livestock care, crop harvesting, etc. The data show the increasing relationship between agriculture, agricultural services, and agri-business and will be collected every 5 years as a part of the census of agriculture. Statistics for agricultural services for 1974 are published in volume III.

## Planning the Census

The final content and overall planning of the 1974 census program were significantly affected by a delay in funding the census. The delay shortened the planning stage by almost one year and, in the end, only sufficient funds for a limited program were made available. In recent prior censuses, some funds had been provided for follow-on surveys to be conducted a year after the census to gather data

needed at the State or national level but not at the county level. Without such follow-on programs, it was necessary to add a number of data inquiries to the 1974 census, lengthening the report form and increasing the respondents' burden. The additions included inquiries about farm credit, off-farm income, and accidents and illnesses.

The final content, wording, and format of the inquiries on the report forms were the responsibility of the Bureau of the Census; however, selection of items was based on the expressed needs of data users, the recommendations of the Census Advisory Committee on Agricultural Statistics, the results of pretests, and the experience gained in earlier censuses.

As one of the first steps in the development of the census, the Bureau invited the U.S. Department of Agriculture (USDA), State agricultural colleges, and other major public and private data users to provide recommendations on their data needs. The Bureau collaborated closely with USDA while planning and conducting the census, principally through departmental committees that coordinated the needs and suggestions of all the USDA agencies. The Statistical Reporting Service and Economic Research Service, of USDA, made significant contributions to the development and formulation of inquiries. A senior staff member of the Statistical Reporting Service, under the same oath of confidentiality required of all Census employees, was assigned to act as liaison and to work directly with the census during all phases of the census planning and processing.

The number of inquiries suggested by various data users far exceeded the feasi-

## DESCRIPTION OF THE CENSUS Continued

ble limits of the final report forms. Factors limiting content included the extent of respondent burden, the respondents' ability and willingness to answer questions, the costs, and the requirement that the resulting data have reasonably broad significance among users of data. Final considerations included such other factors as the availability of data from other sources and the adequacy of the data to be collected.

The recommendations and the plans for the statistics to be published were reviewed by the Census Advisory Committee on Agriculture Statistics, comprised of representatives of the major farm organizations, State departments of agriculture, State agriculture colleges, U.S. Department of Agriculture, and other major users. Each representative was responsible for reporting the suggestions from the organization he or she represented. The committee offered advice on relative priorities for selection of items submitted by data user groups and on supplementary surveys.

The membership of the committee during the planning and taking of the 1974 Census of Agriculture was:

Mr. Richard Pommrehn, Agricultural Publishers Association  
Dr. James T. Bonnen, succeeded by Dr. M. L. Upchurch, American Agricultural Economic Association  
Dr. Warren Collins succeeded by Mr. W. E. Hamilton, American Farm Bureau Federation  
Mrs. Chester Smith, American Farm Bureau Women's Committee  
Mr. Norman Coats, American Feed Manufacturers Association  
Dr. Dewey Bond, American Meat Institute  
Mr. James Tsikerdanos, American Petroleum Institute (through 1976)  
Mr. Robert L. Caummisar, Conference of Consumer Organizations (from 1976)  
Dr. Quentin West, Economic Research Service - U.S. Department of Agriculture  
Dr. L. S. Fife, Farm and Industrial Equipment Institute

Dr. Carleton C. Dennis, Federal Statistics Users' Conference  
Mr. Dudley Clark, National Agricultural Chemicals Association  
Mr. Orville Thompson, National Agri-Marketing Association  
Mr. Gus Douglas succeeded by Mr. S. Mason Carbaugh, National Association of State Departments of Agriculture  
Dr. Louis M. Thompson, National Association of State Universities and Land-Grant Colleges  
Dr. Lawrence Van Meir, National Food Processors Association (Formerly National Cannery Association)  
Mr. Paul Weller, National Council of Farmer Cooperatives  
Mr. Charles Frazier, National Farmers Organization  
Mr. John Stencil, National Farmers Union  
Dr. Kennedy Upham succeeded by Dr. Richard Rodenfeld, Rural Sociological Society  
Mr. Robert Frederick, The National Grange  
Dr. Harry Trelogan succeeded by Mr. William Kibler, Statistical Reporting Service, U.S. Department of Agriculture

In addition to the regular members of the committee, representatives of the U.S. Office of Management and Budget, Bureau of Economic Analysis, and other private and government agencies attended some of the meetings as observers.

The committee met at the Bureau of the Census seven times during the census period: Once in 1973 and twice in 1974, 1975, and 1976.

### Taking the Census

#### Enumeration Method

The growing complexity in the structure of American agriculture, along with increasing numbers of farm operators living off-farm, has made an enumerator-type census as conducted in the past increasingly difficult. The mailout/mailback census, made possible by the availability of relatively complete administrative lists,

provides the respondent the opportunity to complete the report more nearly at his own convenience than in an enumerator-type census. Generally the quality of data on reports completed by operators exceeds that of reports filled out by enumerators. Based on the overall satisfactory experience with the mailout/mailback procedure used in 1969, a decision was made to continue the mail procedure for 1974.

In censuses prior to 1969, enumerators were assigned to enumerate all farms in a specified geographic area and were instructed to call on all farm operators in person. Beginning with the 1950 census, copies of the report form were mailed to rural boxholders prior to the enumeration starting date, and farm operators were asked to complete the forms and have them ready for the enumerator to collect. Enumerators going door-to-door in rural areas would pick up and review any forms that had been completed; they would also fill out or complete reports for those places having some agricultural operations which did not have forms completed and ready for review.

The mailout/mailback procedure has not been used in taking the agriculture census in Puerto Rico, Guam, and the Virgin Islands. A discussion of the direct enumeration methods used appears in the published reports for these outlying areas.

#### Mailing List

The starting point for the enumeration of the 1974 census was the mailing list, which consisted of all persons and organizations that could be identified from administrative records as associated with agricultural operations in 1973 or 1974. The list was assembled from the records of the 1969 Census of Agriculture and those of other government agencies. Only the more comprehensive sets of administrative records containing information related to agricultural activities were initially used: The principal lists were the IRS file of persons filing farm tax returns (form 1040 F) and the Agriculture Stabilization and Conservation Service (ASCS) file of producers.

## DESCRIPTION OF THE CENSUS Continued

Other records used included the IRS file of farm related businesses (form 1040 C), the IRS file of farm partnerships (form 1065), the IRS file of small farm corporations (form 1120S), the Social Security file of farm employers (form 943), the economic census lists of names identified with agriculture, and trade association and private source lists of large or specialized operations.

To improve the mailing list and to identify individual units of multi-establishment farming operations, particularly corporations, a prec canvass of the larger, more complex, and specialized operations (approximately 55,000 cases mostly identified from the 1969 Agriculture Census and the file of companies in retail, wholesale, and manufacturing areas known to have agricultural operations) was conducted in early 1974. This survey identified over 6,200 multi-establishment companies or other organizations having one or more separate establishments (or locations) producing agricultural products or providing agricultural services to others. In many cases, these agricultural establishments were in addition to non-agricultural establishments operated by the company. Separate census report forms were required of each individual farming unit or agricultural establishment identified in the prec canvass. The prec canvass form also provided information to distinguish primary farming corporations from business-associated farming corporations and family-controlled corporations from other corporations.

Lists of specialized operations, such as nurseries and broiler producers which might not be identified in other administrative records, as well as selected lists of other large and/or specialized producers such as feedlots and fish farms, were included in the mail list. In total, about 130,000 special list names were included.

The master list primarily contained the names and addresses of persons and organizations known to be associated with agricultural operations in 1973. Since a name for the same farm could appear on more than one source list, a

two-phase computerized record linkage operation was performed. First, all records were merged and unduplicated on Social Security and Employer Identification numbers. Second, all records were subjected to a record linkage system based on an alphabetic match of recoded first and last names and selected address characters within a 5-digit ZIP code area. Most duplicate names not identified prior to mailing were either reported by respondents or located during the office processing. To facilitate processing and to allow for special handling, each name on the master list was assigned a size code to indicate an estimate of value of sales as well as a code to indicate county location.

The entire record linkage and unduplication operation reduced the initial file of about 12.4 million names to approximately 5.3 million. For budgetary reasons, the final mail file was reduced to about 4.1 million units by selecting for inclusion in the data collection phase, only a sample of the names that were found only on the ASCS source list. This action was taken in expectation that names not also appearing on any other source list would be unlikely to belong to active 1974 farm operations.

### Report Forms

Two basic census report forms were used for all States except Alaska and Hawaii. A regular 20-page report form (A1) was mailed to all farms whose 1974 sales of agricultural products were expected to total \$2,500 or more. To minimize the respondents' burden, a short six-page report form (A2) was sent to all operators whose 1974 sales were expected to total less than \$2,500. This short form covered the major subjects (crops, land use, livestock and poultry, equipment, expenditures, and value of sales), but omitted most of the additional detail found in the regular form. The wording and format of both forms were designed so that basic summary data could be added together and published for all farms. Both report forms, with the instructions for completing them, are reproduced in the appendix.

In 1969, a short form was also used. In 1969, there were 994,456 farms with annual sales of less than \$2,500 (about 36 percent of all farms), but they accounted for less than 2 percent of the total value of all farm products sold. For 1974, final figures under the 1974 definition of a farm show that this group of farms numbers 616,728 or 26.7 percent of all farms and accounts for less than 0.9 percent of the total value of farm products sold by all farms.

For Alaska, only the regular report form was used because of the small total number of farms. For Hawaii, a modified version of the regular form was used for all farms. The modifications were made principally in the crops section in order to cover the specialized agriculture on the islands. For both States, only the data items collected on the short form were tabulated for farms with \$1,000 to \$2,499 in sales.

### Initial Mailing

The report forms were mailed during the last week of December 1974 and the first week of January 1975 to all persons and organizations on the mailing list. This mailing consisted of 4,133,000 report forms (2,391,000 regular forms and 1,742,000 short forms). Undeliverable mail returned by the Postal Service reduced the mailing list by 232,000, including 67,000 regular forms and 165,000 short forms.

Instructions for completing the forms were attached in the centerfold of each form. In an effort to provide additional help to farmers in completing their reports, approximately 35,000 copies of a Farm Census Guide booklet were sent to various county officials to whom farmers might turn for assistance. Included were rural banks, vocational agricultural instructors, and the following county offices: Agricultural Stabilization and Conservation Service, Soil Conservation Service, Farmer's Home Administration, and Federal Extension Service. This guide contained descriptions and definitions for various items in more detail than the instructions included with each report form. Representatives of the above

## DESCRIPTION OF THE CENSUS Continued

agencies thus were able to assist the farmers in filling out their report forms if the farmers came to them for help.

The regular report form was expected to be filled out by all farm operators who received it regardless of the amount of farm products sold. If the recipient of a regular report form had sales less than \$2,500, the data were condensed during the processing to those items appearing on the short form. When recipients of the short form reported sales in 1974 substantially greater than \$2,500, it was sometimes necessary to contact them again for the additional data needed to complete the more detailed regular form.

### Followup Procedures

Data collection plans included a "thank you" card and four followup letters at approximately 1-month intervals, two of which were accompanied by census report forms. The "thank you" card was sent to all addresses on January 14, 1975, urging prompt response and expressing thanks to those who had already responded. By April 4, slightly over 70 percent of the farms had been enumerated. See table 8 for detailed data on dates of enumeration.

Data collection was expected to be substantially completed by June 30. However, because of a marked increase in respondent resistance as compared with the 1969 census, the data collection phase was extended into the office processing phase. Additional followup letters were sent to most of the remaining nonrespondents in June, July, August, and November.

All nonrespondent multi-establishment companies and other nonrespondents believed to be operating farms with sales of \$40,000 or more were contacted by telephone during the period April 1975 through February 1976 to insure coverage in the census. Most of the non-response telephone calls were made by the staff of the Data Preparation Division in Jeffersonville, Indiana, although some were made from the census office in Pittsburg, Kansas. Some of the calls to the more complex cases were referred to the Agriculture Division staff for handling. In total, nearly 107,000 cases

were completed by telephone during this period.

As part of the routine followup procedures, specialized farms identified on the mailing list as producing items such as broilers, beef cattle, hogs, etc., were checked to insure coverage in the census. If no report had been received for farms on these special lists, they were contacted by telephone to obtain the required information. Also, farms and ranches with large acreages in the 1969 census were checked to insure coverage in 1974. If 1974 reports were found missing, telephone calls were made to obtain the necessary information to insure proper coverage. In some instances, successor operators were discovered and enumerated. The processing system was designed to permit the inclusion of missing reports as late as the final tabulation of the county data for each State.

In total, the mail and telephone followup achieved a response from about 88 percent of all farms on the mailing list, covering about 94 percent of the estimated total acres of land in farms and 96 percent of the estimated total value of sales of agricultural products in 1974. Response rates varied by State, with the Northern and Western States generally having higher mail responses than the Southern States.

### Data Review and Disclosure Analysis

The general procedure for processing data for the 1974 Census of Agriculture was:

- Sorting of returns and check-in.
- Screening of report forms.
- Data keying.
- Computer processing.
- Review of computer editing.
- Preliminary tabulation of data.
- Review of preliminary tabulations.
- Final tabulation of county, State, regional, and U.S. tables.
- Final review of tabulations and disclosure analysis.

### Review

Prior to keying the data to magnetic tapes, all reports were subjected to a cler-

ical screening, during which significant notes or major problems were referred to technical assistants or, if necessary, to the professional analyst for solution. Records of all large agricultural operations, including multiunit operations and operations having \$500,000 or more sales of agricultural products in 1974 (lesser levels in specified States) were reviewed by professional employees of the Agriculture Division. Omissions, inconsistencies, and other problems that could not be resolved by reference to other information on the report were resolved by contact (usually telephone) with the respondent.

The data for each report form were subjected to a detailed item-by-item computer edit which required almost the full capacity of a large electronic computer. The program made comprehensive checks for consistency and reasonableness, corrected data found to be in error or inconsistent, supplied key missing data, and assigned farm classification codes to facilitate tabulation of the data. Entries of large magnitude and significant computer changes of a doubtful nature were manually verified for accuracy. Obvious errors such as reports of cotton and citrus in the Northern States were also identified and corrected. However, it was impossible to identify and correct all errors or to supply estimates for all the incompleteness within the census reports. These factors and others may affect the reliability of some data for some minor items, but they will not have a significant effect on major data items in any county.

Preliminary tabulations for each State and county were reviewed prior to publication. During the review, data were compared to those from prior censuses, to other county and State estimates where available, and to other related data within the census. Significant differences or inconsistencies were checked out and, in many cases, farm operators were contacted by telephone to verify data entries. If the review indicated that a report for a larger or specialized farm was missing, the farm was enumerated by telephone and a report was added.

To expedite the issuance of the preliminary reports, only substantially significant changes were made to the data.



DESCRIPTION OF THE CENSUS Continued

During review of the final data, however, a final check was made of detailed data not previously reviewed in depth, and all remaining known data changes were carried to the computer record prior to the final tabulations.

Disclosure Analysis

Section 9 of title 13, United States Code, prohibits the publication of statistical data that reveal information furnished by individual respondents. In keeping with the provisions of this law, a thorough review is made of all statistical tables prior to publication to locate and prevent any potential disclosure of confidential information. Some of this review, referred to as disclosure analysis, was accomplished by computer programs and the remainder by statisticians following guidelines regarding what constitutes a disclosure.

Change in Farm Definition

For each of the 20 censuses of agriculture except the first, taken in 1840, the federal organization responsible for conducting the census has established minimum criteria to define a farm for the purpose of the census. As the Nation has developed and grown, agriculture also has changed and grown, and from time to time the minimum criteria for the definition of a farm have been changed. The criteria for minimum size of agricultural operations to be counted as census farms have included measures of land area and agricultural output or sales. Some criteria for census farms have been different for places of less than 3 acres than for places of 3 acres or more. The various size criteria for agricultural operations used for the censuses of agriculture from 1850 to 1974 are shown in tables 1 and 2.

For most censuses prior to 1950, census enumerators were given a definition of a farm and were instructed to obtain data only for places which met the criteria. However, application of the definition was not always uniform, and part of the change in the number of farms from census to census may have resulted from this lack of uniform application. As the data in table 2 indicates, the mini-

Table 1. Minimum Criteria for Census Farms of 3 Acres and Over: Censuses for 1850 to 1974

	Minimum value of agricultural products produced for home use or sale (dollars)	Minimum value of agricultural products sold <sup>1</sup> (dollars)	Other criteria	Reduction in number of farms because of change in definition <sup>2</sup>
1974.....	Not applied	1,000	None	-152,000
1969 <sup>3</sup> .....	Not applied	50	None	
1964 <sup>3</sup> .....	Not applied	50	None	
1959 <sup>3</sup> .....	Not applied	50	None	-232,000
1954.....	150	Not applied	None	
1950.....	150	Not applied	None	-160,000
1945.....	4150	Not applied	Agricultural operations comprising 3 acres and over of cropland or pastureland	
1940.....	Not applied	Not applied	Agricultural operations	
1935.....	Not applied	Not applied	Agricultural operations	
1930.....	Not applied	Not applied	Agricultural operations	
1925.....	Not applied	Not applied	Agricultural operations	
1920.....	Not applied	Not applied	Agricultural operations	
1910.....	Not applied	Not applied	Agricultural operations	
1900.....	Not applied	Not applied	Agricultural operations and continuous services of at least 1 person	
1890.....	Not applied	Not applied	Agricultural operations	
1880.....	Not applied	Not applied	Agricultural operations	
1870.....	Not applied	Not applied	Agricultural operations	
1860.....	100	Not applied	None	
1850.....	100	Not applied	None	

<sup>1</sup>Includes farms which normally have sales above minimum value; see text.

<sup>2</sup>Includes change for farms under 3 acres.

<sup>3</sup>Minimum size criteria applied to places of 10 acres and over.

<sup>4</sup>Applied only if farm had under 3 acres of cropland and pasture.

Table 2. Minimum Criteria for Census Farms of Under 3 Acres: Censuses of 1850 to 1974

	Minimum value of agricultural products produced for home use or sale (dollars)	Minimum value of agricultural products sold <sup>1</sup> (dollars)	Other criteria	Index number of prices received by farmers (1910-1914=100)	Farms of under 3 acres (number)
1974.....	Not applied	1,000	None	481	(NA)
1969 <sup>2</sup> .....	Not applied	250	None	268	79,000
1964 <sup>2</sup> .....	Not applied	250	None	237	60,000
1959 <sup>2</sup> .....	Not applied	250	None	240	79,000
1954.....	Not applied	150	None	249	100,000
1950.....	Not applied	150	None	250	77,000
1945.....	250	Not applied	None	197	99,000
1940.....	250	Not applied	None	95	36,000
1935.....	250	Not applied	None	90	36,000
1930.....	250	Not applied	None	148	43,000
1925.....	250	Not applied	None	143	15,000
1920.....	250	Not applied	None	217	20,000
1910.....	250	Not applied	None	104	18,000
1900.....	Not applied	Not applied	Constant services of at least 1 person	(NA)	41,000
1890.....	Not applied	500	None	(NA)	(NA)
1880.....	Not applied	500	None	(NA)	4,000
1870.....	Not applied	500	None	(NA)	(NA)
1860.....	100	Not applied	None	(NA)	(NA)
1850.....	100	Not applied	None	(NA)	(NA)

<sup>1</sup>Includes farms which normally have sales above the minimum value; see text.

<sup>2</sup>Minimum size criteria for 1969-1959 applied to places of under 10 acres.

<sup>3</sup>Not applicable when farm required services of at least 1 person.

mum criteria for value of agricultural products produced or the value of agricultural products sold has not changed from census to census in the same proportion as changes in price level of farm products. The definition used for the final publication of the 1974 census marked the ninth change. The eighth was for the 1959 Census of Agriculture, when the definition of a farm was based primarily on a combination of acres in the place and value of agricultural products sold. The word "place" was defined to

include all land on which agricultural operations were conducted at any time in the census year under the day-to-day control or supervision of one person or partnership. Control may have been exercised through ownership or management or through a lease, rental, or cropping arrangement.

For the censuses of 1959, 1964, and 1969, places of less than 10 acres in the census year were counted as farms if the estimated sales of agricultural products for the year amounted to at least \$250.



## DESCRIPTION OF THE CENSUS Continued

Places of 10 or more acres in the census year were counted as farms if the estimated sales of agricultural products for the year amounted to at least \$50. Places having less than the \$50 or \$250 minimum estimated sales in the census year were also counted as farms if they could normally be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition.

Using the 1959 definition, the 1969 census reported about 571,000 farms in the United States having sales of less than \$1,000; these farms comprised 20.9 percent of all farms but contributed less than 1 percent of total sales. In 1974 there were only about 152,000 such farms, accounting for less than one-tenth of 1 percent of total sales. Between censuses many of these small farms had ceased operations, while many others had sales of \$1,000 or more in the census year, either because of increased agricultural activity or because of increases in the

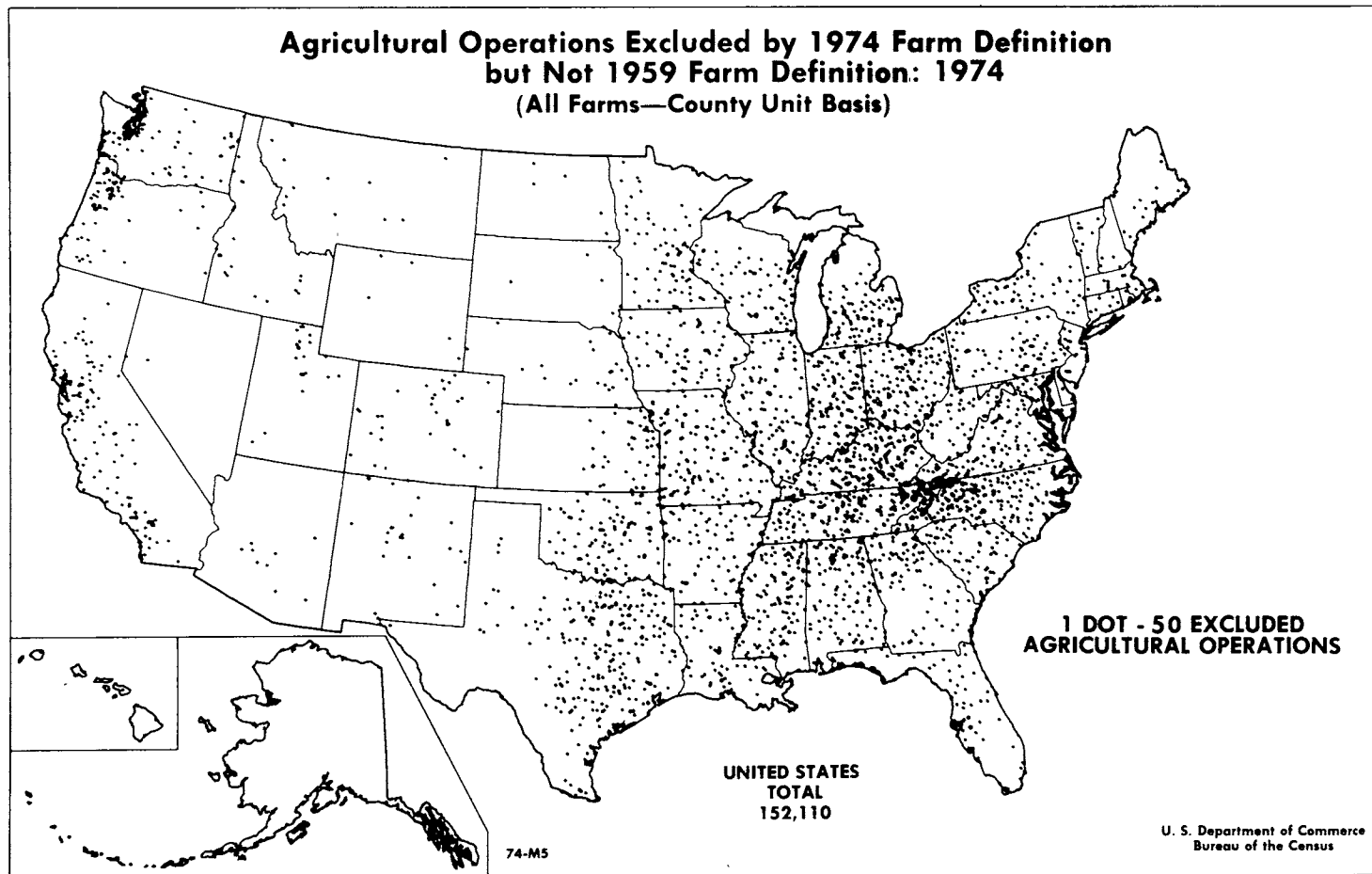
per-unit value of agricultural products sold.

In view of increases in price levels and other changes in the structure of agricultural operations, various individuals and organizations, including members of the Census Advisory Committee on Agriculture Statistics, the Office of Management and Budget, and the U.S. Department of Agriculture, agreed that a change in the definition of a farm was justified. With the concurrence of the Office of Management and Budget, the U.S. Departments of Agriculture and Commerce announced in simultaneous press releases on August 12, 1975, that the census definition of a farm, for purposes of publishing the 1974 census data, was any establishment which during the census year had or normally would have had sales of agricultural products of \$1,000 or more.

In the next 10 months, Congress held four hearings on the appropriateness of

changing the definition. During this time, Public Law 94-229, enacted March 15, 1976, included a provision requiring the statistical classification of farms in effect on January 1, 1975, to be continued in effect through June 30, 1976. It also required that any statistical report issued on or before June 30, 1976, should reflect such classification, but could also include additional classifications as deemed appropriate by the Secretary of Commerce.

**Definition for preliminary reports—**Publication of the preliminary county reports began in April 1976, while the definition clause imposed by Public Law 94-229 was in effect. These reports for all counties and States, the four regions, and the United States were tabulated and published in accordance with the same farm definition used for the 1959, 1964, and 1969 censuses.



DESCRIPTION OF THE CENSUS Continued

**Definition for final reports**—For all final reports, the 1974 statistics are in accordance with the 1974 definition, which differs from the earlier definition in only two respects:

- 1. The criterion for number of "acres in place" has been deleted.
- 2. The criterion for minimum value of agricultural products sold has been changed to \$1,000.

Thus for 1974, a farm was defined to include all land on which agricultural operations were conducted at any time in the census year under the day-to-day control of an individual management, and from which \$1,000 or more of agricultural products were sold during the census year. Control may have been exercised through ownership or management, or through a lease, rental, or cropping arrangement. Places having less than the minimum \$1,000 sales in the census year were also counted as farms if

they normally could be expected to produce agricultural products in sufficient quantity to meet the requirements of the definition. About 286,401 farms or 12.4 percent were retained as farms based on their potential to sell \$1,000 or more of agricultural products in most years.

To provide users with measures of the effect of the change in definition, several special tabulations were made showing characteristics of farms for both the old and new definitions. Tables were published in volume I showing data for each State and its counties. Data are shown in this report for both the 1974 and 1959 definitions along with characteristics of places which would have qualified as farms in 1969 but were excluded under the 1974 definition. Table 6 shows data for both definitions by State, and table 7 presents characteristics of excluded places for the United States.

The 1974 "all farms" data shown in volumes I and II are for those agricultural

operations with at least \$1,000 in total (or potential) sales of farm products. Data shown for all farms for 1969 and earlier censuses reflect the definition in effect for those years. Tables limited to farms with sales of \$2,500 or more are not affected by the change in definition and thus are historically comparable.

New Data Collected

A number of data inquiries were asked on the regular census report form for the first time in 1974, and several other items were modified by increasing the detail of the inquiries. Many of these items historically had been included in follow-on surveys in prior censuses. They were included in the 1974 census because of an urgent need for the data, and because the delay in planning for the census occasioned by the lack of appropriated funds precluded collecting data through follow-on surveys.



## DESCRIPTION OF THE CENSUS Continued

Although there were a number of other changes from 1969 to 1974, the major additions and modifications were in:

- Fuel storage.
- Grain storage.
- Futures market.
- Contracts.
- Payroll and employment.
- Injuries and illnesses.
- Farm credit.
- Farm-related income and expenses.
- Family income from off-farm sources.

These additions represented only a small portion of the recommendations received by the Bureau for inclusion in the 1974 census and were added only after strong justification by data users and a thorough review by the Census Advisory Committee on Agriculture Statistics and Bureau officials.

In retrospect, it seems that the addition of these items to the census may have overburdened a sizable number of respondents and may have been partially responsible for the lower response rate for 1974 than for 1969. Besides lower overall response rate, there was also a higher degree of incompleteness in the reporting of individual items or sections, especially in the latter half of the report form.

### Comparability of Data

The planning, collecting, and processing of the 1974 census was designed to provide data as comparable as possible to that of the 1969 census. However, the change in farm definition, differences in response rates, extent of followup efforts, and changes in statistical adjustments all affect comparability to some degree.

The change from personal interview to mail enumeration affects the comparability of some of the data for 1974 and 1969 with that for earlier censuses. Major differences between the mail and the enumerator censuses include differences in the date of enumeration, assignment of farms to geographic locations, and coverage of small farms.

### Differences in Published Totals

A published total given in one table for an item may vary slightly from a total

given in another table for the same item because of the rounding of fractions or the rounding to thousands.

### Revisions of 1969 Data

Some 1969 data have been revised since publication and the revised data are shown in this volume. Data corrections were made in 14 counties and for four data items in a larger number of counties and States. The major county revisions were for:

Cullman, Ala.—revised broilers sold and related data.

Inyo, Calif.—revised land in farms and related data.

Hawaii, Honolulu, Kauai, and Maui, Hawaii—revised number of fattened cattle and related data.

Spencer, Ind.—revised cattle and calves inventory.

Harford, Md.—revised acreage of total cropland.

Marshall, Minn.—revised acreage of land in farms.

Dodge, Nebr.—revised number of milk cows and value of sales.

Merrick, Nebr.—revised cattle and calves sold and related data.

Rusk, Tex.—revised cattle and calves sold and related data.

Hampshire and Jefferson, W. Va.—revised cattle and calves sold and related data.

The revisions to correct reporting and processing errors were made on:

Acres and production of Irish potatoes harvested.

Acres artificially drained.

Total acreage fertilized.

Acreage of land in orchards fertilized (only in Wisconsin).

### Published Data

The goal of the publication program for the 1974 Census of Agriculture, like that for previous agriculture censuses, was to make the data available as soon as possible while maintaining the Bureau's standards of quality and comparability of the statistics issued. The final published

results of the census are organized in four volumes.

**Volume I. State and County Data.**—A full description is shown in the acknowledgment page at the beginning of this report.

**Volume II. Statistics by Subject.**—This report is presented in nine separate parts, with totals for the United States, geographic regions and divisions, and States. Data are shown for all farms based on the new definition and for farms with sales of \$2,500 and over.

*Part 1.* General Information: Procedures for Collection, Processing, and Classification.

*Part 2.* Farms: Number, Acreage, Value of Land and Buildings, Land Use, Size of Farm, Farm Debt.

*Part 3.* Tenure, Type of Organization, Contracts, Operator Characteristics, Principal Occupation.

*Part 4.* Farm Expenditures, Labor, Equipment and Facilities, Chemicals.

*Part 5.* Livestock, Poultry, Livestock and Poultry Products, Fish.

*Part 6.* Crops, Nursery and Greenhouse Products.

*Part 7.* Value of Products, Value of Sales Group, and Other Income.

*Part 8.* Standard Industrial Classification of Farms.

*Part 9.* Irrigation and Drainage on Farms.

**Volume III. Agricultural Services.**—A full description is shown in the acknowledgment page at the beginning of this report.

**Volume IV. Special Reports.**—A full description is shown in the acknowledgment page at the beginning of this report.

### Unpublished Data

**Tabulations.**—Data collected and tabulated primarily to meet the needs of specific governmental users are assembled in a series of unpublished tables. The table headings and stubs of most of these tables have more frequent data intervals and size groupings than those published

## DESCRIPTION OF THE CENSUS Continued

in volume I. In some cases, the tables display the data in a format specified by certain data users. Most tables provide State level statistics.

The principal unpublished tabulations available are on:

- Farm contracts.
- Fuel storage capacity.
- Grain storage capacity.
- Grazing permits.
- Hired workers.
- Injuries and illnesses.
- Irrigated and nonirrigated crop yields.
- Utilization of the futures market.
- Selected farm characteristics by—
  - Standard Industrial classification.
  - Debt status.
  - Race or origin.
  - Age of farm operator.

In addition, some data were tabulated extending frequency distributions for already published items. These tabulations are in the same format as volume I State tables 28 through 33.

Listings are also available which show the 300 ranking counties for more than 80 data items for the United States. The top 100 counties are published in volume IV, part 1.

For information on the content and cost of the unpublished tabulations, write to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

### Computer Tapes (for data users)

Computer tapes containing data published in the volume I county tables are available from the Bureau of the Census. The data are organized into two files. File A corresponds to volume I; chapter IV; file B, to chapter III. File A tapes are available for groups of States in each of the nine geographic divisions of the United States; file B tapes are available for groups of geographic divisions. Data that might disclose information on the operations of individual farms have been suppressed or combined with adjacent cells. For more information on the computer tapes, write to the Chief, Data User Services, Bureau of the Census, Washington, D.C. 20233.

### Microfiche (for data users)

All of volumes I, II, III, and IV will be available on microfiche, but the microfiche data are available only through the U.S. Department of Commerce, National Technical Information Office, Springfield, Va. Census volumes usually are placed on microfiche within 12 months after the printed publication has been issued.

### Data by Geographic Area

Geographic areas such as subdivisions of counties (minor civil divisions and census county divisions) were not identified in the tabulations of the 1974 Census of Agriculture. The county is the smallest geographic area for which data were tabulated and published. In most instances, data also have been published in recapitulations by States, by regions, by divisions, and for the United States. Data are published separately for the outlying areas (Puerto Rico, Guam, and the Virgin Islands).

Data were not shown separately for 25 of the 3,076 counties (groups of election districts in Alaska and parishes in Louisiana) that comprised the United States at the time the 1974 census was taken. For two of these, San Juan County, Colo., and New York County, N.Y., no farms were reported in the 1974 census. For the other 23 counties, each of which reported fewer than 10 farms, data were not published to avoid disclosing information for individual farms.

The distribution of published counties by number of farms reported is shown in table 9 for the United States and the geographic regions, divisions, and States.

Those counties for which the data were not published separately, with the number of farms reported for each county, are:

Alaska . . . . .	One area, consisting of Angoon, Haines, Juneau, Ketchikan, Outer Ketchikan, Prince of Wales, Sitka, Skagway-Yakutat and Wrangell-Petersburg, 7.
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California . . . . .	Alpine 4, San Francisco 9.
Colorado . . . . .	Clear Creek 4, Gilpin 4.
Florida . . . . .	Franklin 6, Monroe 7.
Massachusetts . . .	Nantucket 6, Suffolk 6.
Michigan . . . . .	Crawford 8, Keweenaw 3.
Minnesota . . . . .	Cook 5.
Nevada . . . . .	Storey 5.
New Jersey . . . .	Hudson 3.
New Mexico . . . .	Los Alamos 5.
New York . . . . .	Bronx 5, Hamilton 2, Kings 3.
North Carolina . .	Dare 5.
Virginia . . . . .	Arlington 1.
West Virginia . . .	McDowell 8, Mingo 8.
Wisconsin . . . . .	Menominee 4.

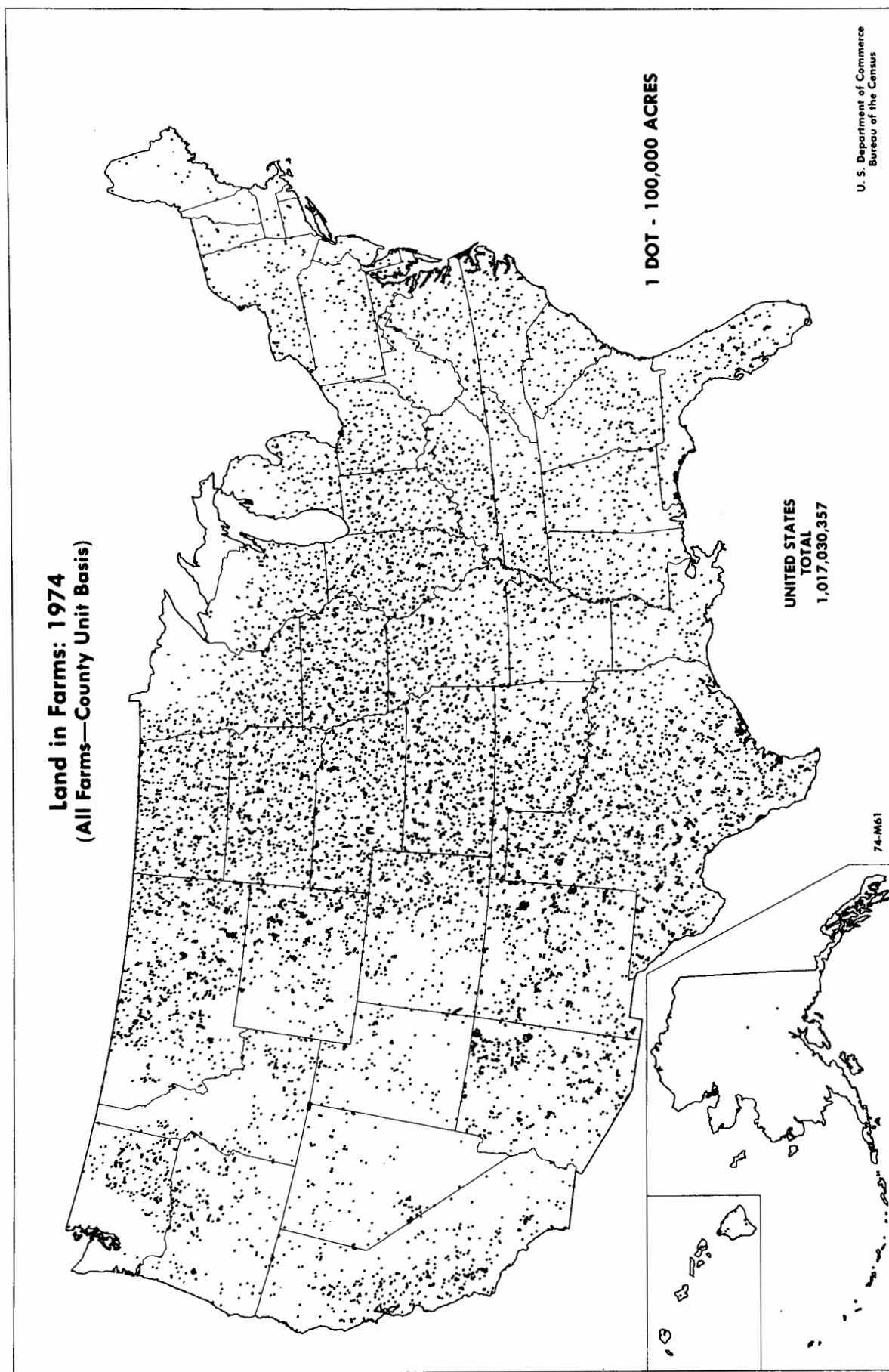
### Definitions and Explanations

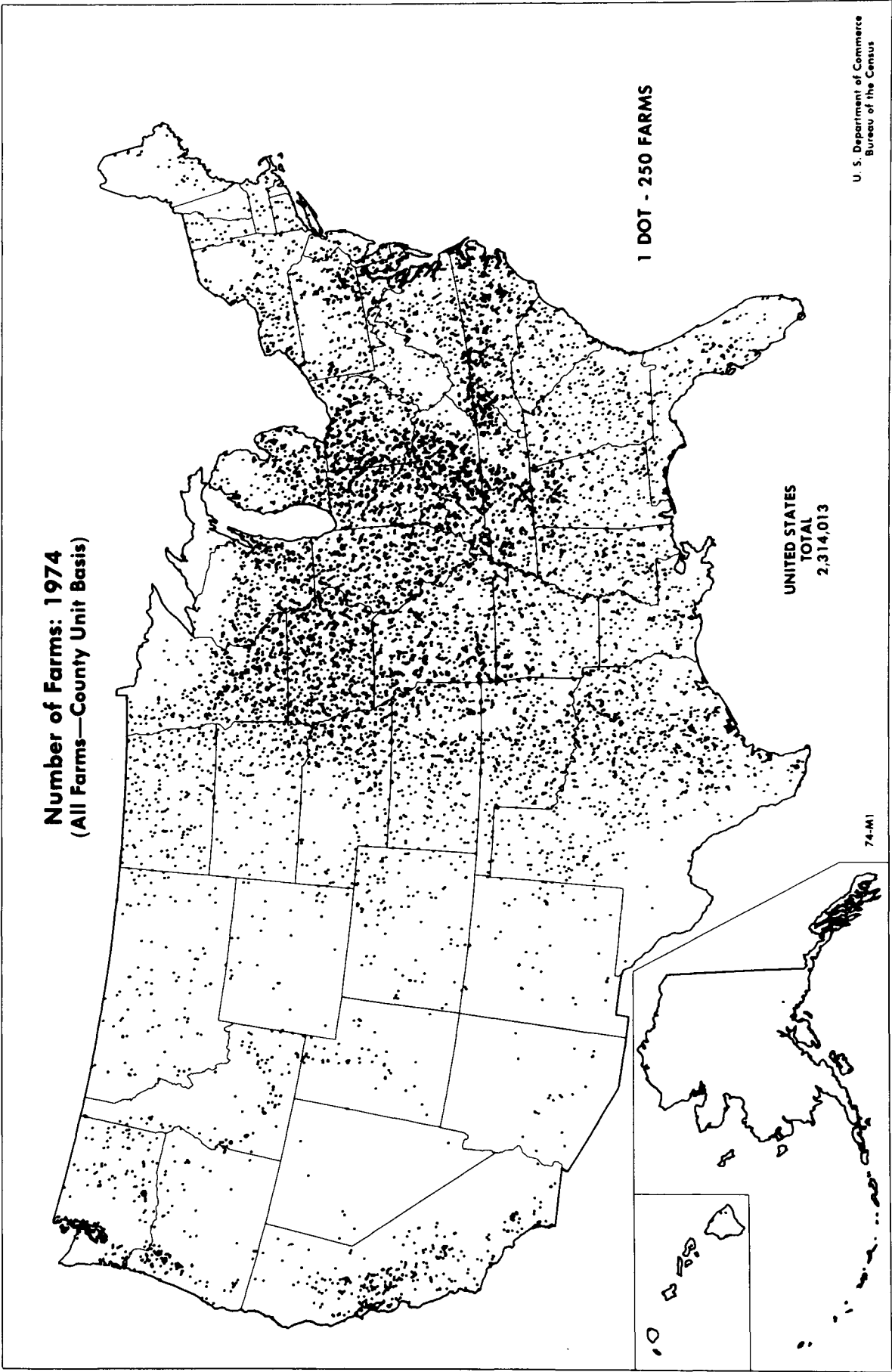
A number of general definitions or explanations are presented here to aid users in understanding the data collection concepts and the statistical presentations in the nine parts of volume II. Detailed definitions or explanations are shown for individual data items in various parts of this report, especially those items in the tables followed by a "(See text)" notation.

Most of the terms and their explanations are taken from the instructions printed on the report forms or issued with the forms. For an exact wording of the questions on the two different report forms used in 1974 for the conterminous United States, and the instruction sheet which accompanied these forms, see the appendix.

Most definitions of items and terms are the same as used in 1969 and earlier censuses. In general, processing steps and procedures for 1974 were designed to develop a report as fully comparable as possible with reports of earlier censuses.

**Land area**—The approximate total land area of counties and States shown for 1974 represents the land area as determined by records and calculations







## DESCRIPTION OF THE CENSUS Continued

updated as of January 1, 1970. These data are essentially the same as in 1969. Any differences between the land area in 1974 and 1969 would be due to new construction of reservoirs, change in number and size of reservoirs, lakes, streams, etc.

**Land in farms**—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation nor used for pasture or grazing, provided it was part of the farm operator's total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. Except for open range and grazing land used under government permits, all grazing land was included as "land in farms" provided the place was part of a farm or ranch. Grazing land operated by grazing associations was to be reported by the person chiefly responsible for conducting the business of the association. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in Indian reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group which used the land. In some cases, an entire Indian reservation was reported as one farm.

Data on ownership of land, type of rental arrangements, and farms with grazing permits are shown in volume II, part 3.

**Land in two or more counties**—With few exceptions, the land in each farm was tabulated as being in the operator's principal county and State. The principal county was defined as the one where the largest value of the agricultural products was raised or produced. It was usually where the operator reported all

or the largest proportion of his total land. For a limited number of counties in the Western States, this procedure has resulted in more land in farms being counted within a county than there is land area. To minimize this distortion, some exceptions were developed from a survey of large-scale farms carried out prior to the mailing of the census forms. This survey identified about 1,600 operations as having more than one separately reportable farm unit. Other reports received showing land in noncontiguous counties were separated into two or more reports if the data would significantly affect the county totals. These reports were assigned to the appropriate counties during office processing.

**Value of land and buildings**—The respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the respondent's estimate of what the land and buildings would sell for under present market conditions.

If the value of land and buildings was not reported, it was estimated during office processing by using the average value of farms having similar characteristics in the same area.

**Farm operator**—The term "farm operator" designates a person who operates a farm, either doing the work himself or directly supervising the work. He may be the owner, a member of the owner's household, a salaried manager, a tenant, a renter, or a sharecropper. If he rents land to others or has land worked on shares by others, he is considered the operator only of the land which he retains for his own operation. In the case of partnerships, only one partner is counted as an operator. For census purposes, the number of farm operators is the same as the number of farms. Respondents were asked to report the personal characteristics of the operator or person in charge of the operation or the senior partner in the case of a partnership. In some cases, the operator was not the individual named on the address label of the

questionnaire, but another family member or a partner or hired manager who was actually in charge of the farm operations.

**Farms or farms reporting**—The term "farms" in the presentation of data denotes the number of farms reporting the item. For example, if there were 3,710 farms in a State and 842 of these farms had 27,381 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves . . . farms . . . . .	842
number . . . . .	27,381

**Farm operator characteristics**—Operator characteristics such as race or origin, residence, age, occupation, and off-farm work, were collected for all farms with sales of under \$2,500 and for farms with sales of \$2,500 and over operated by individuals or partnerships. These data were not obtained for corporations and other types of organizations such as cooperatives, prison farms, grazing associations, and Indian reservations.

**Family off-farm income**—In the absence of a follow-on sample survey, such as was conducted for the last three censuses, five questions were added to the 1974 report form for farms with sales of \$2,500 and over to obtain data on income from off-farm sources. These sources included income from the operation of a non-farm-related business or professional practice, cash wages, salaries, interest, dividends, royalties, pensions, etc. These data were included in the census to provide a better understanding of the present income distribution for farm operators and their families. Off-farm income data were not obtained for farms operated by corporations and other organizations. Similar data have been collected in 1960, 1965, and 1970 in sample surveys taken as part of those census programs.

**Family income from other sources greater than agricultural sales**—For farms with sales of \$2,500 and over, this classification is based on a comparison of the sum

## DESCRIPTION OF THE CENSUS Continued

of farm-related and off-farm income sources with the value of agricultural sales. For farms with sales of under \$2,500, the report form included a separate inquiry about the relationship of off-farm and other income sources to agricultural sales. The response to that inquiry was used as a basis for this classification.

For ease of reference to this classification in some tables, the term "off-farm income" applies to both farm-related and off-farm sources. A separate line is shown in most tables for farms not reporting or reporting no farm-related or off-farm income.

**Value of crops harvested**—This item represents the estimated value of all crops harvested during the 1974 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated values per unit by the operators' reports of acres or quantities harvested. In instances where only acres harvested were reported, State estimates of value of production per acre were used. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of price per unit. A combination of these two factors was used when only acres harvested were requested of small farms, but units of production were requested of larger farms. The State average prices used in these calculations were obtained in most part from publications by the Statistical Reporting Service, U.S. Department of Agriculture (USDA). When USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondents' report forms, and county extension agents and other persons knowledgeable about specific crops.

**Value of livestock on farms**—Data for value of livestock and poultry on farms were obtained by multiplying the number of livestock of each major age and sex group by the State average price. The State average prices for cattle, hogs, sheep, Angora goats, and hens and pullets were obtained primarily from data pub-

lished by the Statistical Reporting Service of the U.S. Department of Agriculture. Prices applied to other types of livestock were census-derived averages based primarily on reported value of sales for these types in the 1974 Census of Agriculture. The 1969 and 1964 data were developed in a similar manner.

**Value of agricultural products sold**—This item represents the gross market value before taxes and production expenditures of all agricultural products sold or removed from the place in 1974 regardless of who received the payment. It includes receipts by the operator as well as the value of any shares received by partners, landlords, contractors and others associated with the place.

The total value of agricultural products represents the sum of all crops including nursery products sold, forest products sold, and poultry and livestock and their products sold. It does not include income from farm-related sources such as agricultural services, government farm programs, or recreation and other related sources, or income from nonfarm sources.

The value of crops sold in 1974 does not necessarily represent sales from crops harvested in 1974. An examination of a sample of individual reports indicated extensive reporting of sales from crops produced in 1973. Some cash grain farms indicated that the 1974 grain crops were in storage and there were no sales from the 1974 crop. Likewise, some farms reported sales in 1974 from two different crop years.

Data for the value of agricultural products sold were obtained on both the regular and short forms directly from the respondents in the 1974 and 1969 Censuses of Agriculture. This procedure was a departure from the one used in previous censuses in which data on value of sales were obtained by enumeration for some products and were estimated for others. For cases in which the farm operator failed to report a value of sales, estimates were made based on the amount of crops harvested or the number of livestock sold. Although similar procedures were used in earlier censuses, the extent of sales

estimation has increased in each of the recent censuses. Extensive estimation of market values was required for farms growing or producing products under contract.

Caution should be applied when comparing sales in 1974 with sales reported in earlier censuses due to the extreme ranges in per unit prices between census years. Reported values for 1974 varied greatly from farm to farm because of the month-to-month price per-unit variations within the 1974 census year.

**Total farm production expenditures**—This figure represents the total production expenditures, including depreciation, for the farm regardless of who paid the costs. It includes costs shared or paid by landlords and partners as well as estimated costs of production inputs and services furnished by contractors.

The quality and completeness of expenditures data reported by farm operators has decreased in recent censuses as the structure of agriculture becomes more complex. Reporting has been especially incomplete for farms producing crops, livestock, or poultry under contract. Most operators of those farms did not know and were unwilling to estimate the value of production inputs and services furnished by contractors.

Incomplete reporting has increasingly necessitated estimations of production expenses during office processing. These estimations on individual expenditures were based on the scope of related crop and livestock information in the report or, in some cases, on averages or ratios of expenditures reported by similar farms in the same geographic area.

The figures for total production expenditures for 1974 and 1969 are heavily weighted by the effect of reporting "all other production expenses." Some farmers may have misinterpreted the intent of this question and reported capital improvement expenditures, purchase of long-term assets, household expenses, and other personal expenditures; others may have failed to include all applicable items. Any calculations of net farm income based on this census figure should be used with caution.



**Farm sales by commodity or commodity group**

In an effort to conform more closely to the 1972 Standard Industrial Classification (SIC), a number of commodity groupings used to collect data on the value of sales were changed for 1974 from those used for 1969. For the most part, the changes only affect data shown for farms with sales of \$2,500 and over. The next seven definitions reflect changes; that for forest products does not.

*Other field crops*—For 1974, this group includes the value of sales of peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, popcorn, mint for oil, hops, etc. For 1969, the value of pineapples sold was included.

*Fruits, nuts, and berries*—For 1974, the value of pineapple sold is included in this group. For 1969, pineapple was considered a field crop.

*Poultry and poultry products*—For 1974, the value of poultry hatchery sales is included in this group. For 1969, these data were not collected in the census. More information on poultry hatcheries can be found in part 5 of this volume.

*Sheep, lambs, and wool*—For 1974, the value of sales of these items is shown separately. For 1969, this value was combined with that for hogs, goats, and mohair.

*Hogs and pigs*—For 1974, the value of hogs and pigs sold is shown separately. For 1969, this value was combined with that for sheep, lambs, wool, goats, and mohair.

*Goats and mohair*—For 1974, the value of goats and mohair sold is shown separately and in aggregation with the value of other livestock and livestock products. For 1969, this value was combined with that for sheep, lambs, wool, and hogs.

*Other livestock and livestock products*—For 1974, the production of fish and laboratory animals was included in the agriculture census, whereas for 1969 it

was not. The value of fish raised and sold and laboratory animals sold is included in the category "Other livestock and livestock products." Separate data on fish production and sales are shown in volume II, part 5.

*Forest products sold*—As in previous censuses, the sales data shown for the 1974 census for this item relate only to forest products sold from farms. Commercial logging, timber, or other types of forest product operations or establishments are excluded, as are places selling only forest products. Such operations or establishments are excluded from being classed as agricultural production according to the Standard Industrial Classification, in which they are classified as Forestry-Major Group 08.

*Land in vegetables*—The total acres of land used for vegetables in 1974, shown in volume II, part 6, are not fully comparable to the acres published for 1969. For 1974, the data represent the land from which vegetables were harvested; for 1969 the acres shown are the sum of the acres of the individual crops harvested. In areas where more than one vegetable crop is grown on the same land during the season, comparability is affected.

*Land in orchards*—This includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 fruit, citrus, or nut trees, or of grapevines.

*Florida and Texas citrus*—In recent censuses, because of the difficulty in identifying and enumerating nonresident grove owners and the increasing number of nonrespondent grove owners who have their groves managed by caretakers, a special enumeration procedure was used to enumerate a number of the larger caretakers to cover groves they managed.

In 1974, 115 citrus caretakers in Florida and 29 caretakers in Texas were identified and their total operations were enumerated shortly after the harvest

completion of the 1973-74 citrus crop. These caretakers reported for about 7,500 grove owners in Florida and 1,500 in Texas. Caretakers were instructed to ask their grove owners to cross-reference any census reports they might receive to their caretakers' report to avoid any duplication. To insure no duplication, a search of census files was made during the processing to identify any owner report which had already been covered in a caretaker report.

As a result of this procedure of enumerating caretakers, the count of farms with citrus in these areas has been reduced by a number of grove owners accounted for by the caretakers. At the same time, coverage of citrus production has been improved and the reporting burden on grove owners has been greatly reduced.

*Fish production*—The raising of fish for sale was included as agricultural production by the 1972 SIC, and data for such operations are included in the agriculture census for the first time in 1974. Because commercial raising of fish is a relatively new and expanding industry, the census mailing register covering fish production may have been incomplete. Information on fish production and sales is shown in volume II, part 5.

*Bees and honey*—Bees and honey were enumerated and tabulated in the county and State in which the home farm was located (even though hives are often moved from farm to farm over a wide geographic area for pollination). Several factors affect the completeness and accuracy of these data: First, bee and honey sales were enumerated separately only for farms with sales of \$2,500 and over. Many bee owners operate on a small scale, thus their sales are not identified separately in the statistics. Second, some bee operations may not have been on the mailing list. Third, some operators on the mailing list may not have considered beekeeping to be an agricultural operation, and therefore did not report.

*Other agricultural chemicals*—Detailed data showing the general purposes for

## DESCRIPTION OF THE CENSUS Continued

which chemicals were applied are published for farms with sales of \$2,500 and over. Some farm operators reported their total acreage treated by sprays, dusts, fumigants, etc., but did not allocate acreage according to the various purposes of the treatment. It was not feasible to allocate misreported data properly, so these data were added to "Other chemicals."

As a result, detailed data for insect, nematode, disease, and weed control are incompletely reported and the item "Other chemicals" actually includes a sizable amount of expenditures relating to these controls.

**Grain storage capacity**—A question on grain storage was asked for the first time in the 1974 Census. No attempt was made to supply missing data if a farm failed to report the presence or absence of this item; instead, the number of farms not reporting are shown. Data are shown in volume II, part 4.

**Futures market**—These data were collected to determine if the farm operator utilized the commodity futures market in 1974 to hedge sales of any farm commodities produced on the place. The data, which are presented in volume II, part 3, probably represent an overstatement of the actual number of farm operators using the futures market. Apparently, respondents were confused between futures market transactions and forward pricing agreements. Although obvious errors were corrected, the data should be used with caution.

**Contracts**—The data published in volume I and volume II, part 3 are shown essentially as reported, except for inconsistencies that were corrected. The published data are incompletely reported, partly because of the complex and varied nature of production and marketing contracts, and partly because of a lack of understanding or, more often, a lack of knowledge, on the part of the respondents, of all of the provisions of the contract. Some contracts were not reported at all, and for some reported contracts not all characteristics are given.

A "Not reported" line in most statistical tables indicates the extent of incompleteness of reporting on the contract characteristics. Data on the amount received from the contractor varied from the full market value for some marketing contracts to only fractional values for some production contracts. Detailed data for individual items produced under contract are included in volume II, part 3.

**Payroll and employment**—For 1974 more data were collected than in previous agriculture censuses to provide a more complete accounting and classification of hired labor involved in agriculture production. Data were collected on the number of workers by number of days worked, cash wages paid, and amount paid to contract workers and salaried corporation officers (see section 30 of the A1 report form in the appendix.)

Some respondents who had sizable numbers of seasonal workers during the year had difficulty reporting the number of workers by days worked, because their records were often not kept in such detail. Totals shown for the number of seasonal workers give a sizable overcount for the number of hired workers actually involved in agriculture because many of them worked on more than one farm during the year and thus may have been counted more than once. Therefore, these data should be used with some caution.

Caution is also necessary with the data on contract labor. Some farm operators may not have distinguished clearly between hired labor and contract labor, i.e., workers hired through a labor contractor or crew leader. This has resulted in a possible overstatement of the number of farms using contract labor, although the dollar amounts involved are generally small.

Likewise, salaries paid to corporate officers may include some worktime spent on nonfarm activities. For a more detailed review of employment data, see volume II, part 4.

**Injuries and illnesses**—Information on injuries and illnesses was collected for the first time in the 1974 census. Data were obtained on the number of in-

juries and illnesses of hired workers, paid members of the operator's family, unpaid family members, and operators of farms with sales of \$2,500 or more. No data were shown in volume I; however, several unpublished tabulations were made at the State level and copies are available for purchase upon request (see section on Unpublished Data). The unpublished data were tabulated as reported; no attempt was made to estimate for possible missing or under-reported data. A portion of these data are shown in volume II, part 4.

**Farm credit**—The census of agriculture has collected varying amounts of data relating to credit since 1890. Continuing changes in technology and agricultural practices have increased the amount of money and credit required for efficient farm operation. In lieu of the traditional separate finance survey, section 33 was added to the report form for farms with sales of \$2,500 and over to obtain information from farm operators on debts secured and not secured by real estate.

Debt secured by real estate relates to debt owed by the farm operator and secured by land owned and operated. Debt on land owned by the operator but rented to others was to be excluded. Data for debts secured by real estate pertain only to debt owed by the operator and exclude debts owed by landlords, contractors, etc. Debt totals from the census, when compared to other independent debt estimates, indicate that the census figures are significantly incomplete and therefore debt totals should be used with caution. More detailed information on farm credit is included in volume II, part 2.

**Farm fuel storage capacity**—Questions were asked for the first time in the 1974 Census on the on-farm storage capacity for gasoline, diesel fuel, LP gas, butane, and propane used for the farm business. However, a significant number of respondents failed to answer these questions or answered them incorrectly; for instance, many operators reported the total gallons purchased during the year instead of the fuel storage capacity. Such

## DESCRIPTION OF THE CENSUS Continued

obvious errors were deleted, but since acceptable data were not obtained for a substantial number of farms, no data were shown in the volume I State reports. Several tabulations were made however, and some data are shown in volume II, part 4. Other unpublished data are available for purchase upon request (see section on Unpublished Data).

### **Income and expenses from farm-related sources**

An expanded series of questions on farm-related income and expenses was asked of all farms in the 1974 census to obtain a more complete picture of the total income of farm operators from all sources. These sources include income and expenses associated with customwork and other agricultural services provided for farmers and others, recreational services, participation in government programs, renting out land and other activity conducted on the farm or closely related to the farm. As a general rule, these other income sources are included if they are closely related, even though supplemental to the farm operation. However, if they constitute a separate establishment or were conducted from another location, they are not included. For example, if a farm operation owned a company which furnished custom services to other farms, and that company and its income were reported in the 1974 Survey of Agricultural Services as a separate establishment, the income is not included in the data for this category. Also deleted were reported sales of capital assets such as land, buildings, and machinery. Examples of income from other farm-related sources that are included are gas tax refunds, patronage dividends, expenditure rebates, farm machine and building rentals, and farm by-products sales, such as straw and manure.

In addition to those operating expenses associated with customwork, recreational services, government programs, renting of farmland, etc., expenses include depreciation, taxes, interest, insurance, etc., related to the farm-related activities. However, the data shown for this item do not represent the total expenditures associated with farm-related income. The respondent was requested,

if separate records were available, to report farm-related income expenses separately from farm production expenses. If the respondent did not report farm-related expenses separately, any such expenses incurred are assumed to be included in farm production expenses.

### **Farm Classifications**

Farms were classified by size, tenure of operator, type of organization, principal occupation, age of operator, value of products sold, and standard industrial classification (SIC). In addition, a number of cross-tabulations of detailed characteristics by the major classifications, and farm counts of the classifications including frequency distributions of farms by the value of sales for each of the principal SIC's are in the various parts of this volume. A description of the major classifications follows.

**Farms by size**—All farms were classified by size according to the total land area established for each farm (acres in this place). Detailed characteristics of farms with sales of \$2,500 and over by 12 size-of-farm groups are presented in volume II, part 2. The same classification was used for all States. By definition, a farm was an operating unit, not an ownership tract.

In the case of a landlord with land assigned to tenants, the land assigned to each tenant was considered as all (or part) of the tenant's farm even though the landlord may have considered the entire landholding as one unit in respect to supervision, equipment, rotation practice, purchase of supplies, or sale of products.

**Farms by tenure of operator**—The classifications of tenure as used for both the 1974 and 1969 censuses are:

1. Full owners, who operate only land they own;
2. Part owners, who operate land they own and also land they rent from others; and
3. Tenants, who operate only land they rent from others or work on shares for others.

Detailed data by tenure of operator and type of organization are shown in part 3 of this volume. For the 1964 census and earlier censuses, a separate classification was used for hired managers, full owners, part owners, and tenants. The manager classification was discontinued because managed farms became increasingly difficult to define and identify, especially with the mail enumeration. Farms which may be operated by hired managers for 1969 and 1974 are distributed among full owners, part owners, and tenants according to the reported ownership of the land in the place.

**Farms by type of organization**—This was the second census of agriculture (the first being for 1969) for which farms with sales of \$2,500 and over were classified by type of organization. The respondent classified his own organizational status by marking a box opposite the type of organization which best described the way the place was operated in 1974. The classifications were:

- a. Individual or family operation (sole proprietorship), excluding partnership and corporation.
- b. Partnership operation, including family partnership.
- c. Corporation, including family corporation.
- d. Other, such as cooperative, estate or trust, prison farm, grazing association, Indian reservation, etc.

The farms were classified according to the information provided in section 37 of the regular (A1) report form. Many of the reports which showed "other" as the type of organization came from institutional farms, Indian reservations, or other operations classified as "abnormal." Abnormal farms, regardless of value of sales, were not included in the tabulations for farms with sales of \$2,500 and over.

Some caution should be taken when comparing 1974 data for corporations with 1969 data. A followup study of the 1969 data indicated that a sizable number of farms were wrongly reported as corporate, especially in the Southern States. These errors in the 1969 data have not

## DESCRIPTION OF THE CENSUS Continued

been corrected and are shown as originally published.

More detailed data obtained from a special survey of farms operated by corporations are included in volume IV, part 5, of the 1974 Census of Agriculture. This report includes characteristics of the structure of corporations as well as the degree of nonfarm relationship. A minimum amount of data from this separate survey are shown in volume II, part 3.

**Farms by age of operator**—Age of the farm operator was obtained for all farms with sales under \$2,500 and for individual, family or partnership operated farms having sales of \$2,500 and over. Characteristics of farms by two age-of-operator groups in combination with occupation information are shown in part 3 of this volume for farms with sales of under \$2,500 and by six age groups for farms with sales of \$2,500 and over.

**Racial and ethnic groups**—These data were collected and tabulated for all farm operators with sales under \$2,500 and for those operators with sales of \$2,500 and over if they operated the farm as an individual or family or partnership. Each operator, except in Hawaii, was asked to classify himself or herself into one of six racial or ethnic groups. For Hawaii, nine categories were provided.

For 1974, data are shown for "Black and other races"; "other races" includes American Indians, Hawaiians, Japanese, Chinese, Filipinos, Koreans, and any other separate racial group. The comparable data shown in some tables for 1969 are for Black-operated farms only. The farm operators reporting themselves to be of Spanish origin were included with the White race wherever separate data for "White" were shown. Counts of farm operators for each of the enumerated racial or ethnic groups along with some farm characteristics are shown in volume II, part 3.

**Farms by value of sales**—In earlier agricultural censuses, data were classified in nine groups referred to as "economic classes." The use of this term was discontinued

for 1974; however, for farms with sales of \$2,500 and over, the value-of-products-sold classifications are the same in 1974 as the value ranges for economic classes 1 through 5 in prior censuses and are therefore comparable. Some caution should be used in such comparisons, however, due to the substantial increase in prices received by farmers between the census periods.

Value of sales classes 1-5 for the 1969 censuses and their equivalent for the 1974 censuses are defined as follows:

Class 1—\$40,000 and over of farm product sales.

Class 1a—\$100,000 and over of farm product sales. Farms in 1974 with sales of \$100,000 and over have been further classified by State into three groups: \$100,000 to \$199,999, \$200,000 to \$499,999, and \$500,000 and over. Data are shown for each State in volume I. Farms with a value of farm products sold of \$100,000 and over have been designated large-scale farms. Data for these farms have been further classified into categories up to \$10,000,000 and over in sales and are presented in volume II, part 7.

Class 1b—\$40,000 to \$99,999 of farm product sales.

Class 2—\$20,000 to \$39,999 of farm product sales.

Class 3—\$10,000 to \$19,999 of farm product sales.

Class 4—\$5,000 to \$9,999 of farm product sales.

Class 5—\$2,500 to \$4,999 of farm product sales or having a value of products sold of under \$2,500 provided they had the acreage or livestock operations which normally would have had sales in excess of \$2,500, e.g., new farms, farms having crop failure, and farms with large inventories and small 1974 sales.

Data for farms with sales of under \$2,500, classified in earlier censuses as economic class 6, part-time, and part-retirement, are not directly comparable to the 1974 value classes because of the change in farm definition and modifica-

tions in farm classification. For 1969, farms with sales of under \$2,500 were classified as:

Class 6—\$50 to \$2,499 of farm product sales and a farm operator who is under 65 years of age and did not work off the farm 100 days or more in the census year.

Part-time—\$50 to \$2,499 of farm product sales and a farm operator who is under 65 years of age and worked off the farm 100 days or more in the census year.

Part-retirement—\$50 to \$2,499 of farm product sales and a farm operator who is 65 years and over.

If 1974 data shown in part 7 of this volume are combined, limited comparisons between 1969 and 1974 can be made as follows:

Compare 1969 class 6 farms with 1974 farms with sales of less than \$2,500 whose operators were under 65 years old and devoting 50 percent or more of their worktime to farming. Compare 1969 part-time farms with 1974 farms with sales of less than \$2,500 whose operators were under 65 years old and devoting less than 50 percent of their worktime to farming. Compare 1969 part-retirement farms with 1974 farms with sales of less than \$2,500 whose operators were 65 years old and over regardless of occupation. More detailed information for farms by value of sales are included in volume II, part 7.

**Abnormal farms**—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, schools, grazing associations, government agencies, etc. Data for abnormal farms were included in totals for all farms, but were excluded from data for farms with sales of \$2,500 or more. Characteristics of abnormal farms are shown in volume II, part 7. The abnormal farms are comparable to abnormal farms of earlier censuses.

**New classification of farms**—A new classification series was used to present the

## DESCRIPTION OF THE CENSUS Continued

data for all farms for the 1974 census. It was developed by the U.S. Department of Agriculture in cooperation with the Bureau of the Census to better describe today's agriculture and its complex relationships with other sectors of the economy. The major classifications are:

*Primary farm*—A farm operated by an individual or family or partnership where the operator spends 50 percent or more of his worktime on the farm (considers farming to be the principal occupation) or a farm operated under a corporate structure which received 50 percent or more of its gross business (farm and nonfarm) from the sale of agricultural products.

*Part-time farm*—A farm operated by an individual or partnership where the operator spends less than 50 percent of his worktime on the farm (does not consider farming to be the principal occupation).

*Business-associated farm*—A farm operated under a corporated structure which received less than 50 percent of its gross business income (farm and nonfarm) from the sale of agricultural products.

*Abnormal farm*—An institutional, experimental, or research farm, or an Indian reservation. An institutional farm is one operated by a hospital, penitentiary, school, grazing association, government agency, etc.

Only part of the new classification was shown in volume I. Data necessary to classify corporations as primary or business-associated were collected in a separate survey. Limited data from this survey will be published in volume II, part 3, along with detailed data for individual or family operated farms and partnership farms. Detailed data will be shown for corporations in volume IV, part 5. The classifications for individual or family operated farms, for partnerships, and for abnormal farms are described in the following discussion of data presented by principal occupation of the farm operator.

**Farms by principal occupation**—Information was obtained on the occupation of the farm operator in 1974 to provide the basis for the new farm classification. Data on occupation were not obtained in 1969. The principal occupation classification for farms with sales of \$2,500 and over relates only to farms operated by individuals or families (sole proprietorships) and partnerships. Farm characteristics are shown by age and occupation of the operator for farms with sales of under \$2,500 and for farms with sales of \$2,500 and over in volume II, parts 3 and 7.

The classifications used for 1974 were:

1. Farming—The principal occupation of the operator if he spent 50 percent or more of his worktime in 1974 in farming.
2. Other—The principal occupation of the operator if he spent 50 percent or more of his worktime in 1974 in occupations other than farming. Some operators engaged in ranching marked "other" as their principal occupation. Most such obvious errors were corrected during the processing operation.

Farms operated by persons who consider themselves farmers by occupation would be classified as primary farms under the new classification. Likewise, those farms operated by persons who consider themselves as having occupations other than farming would be classified as part-time farms.

**Farms by type**—Data from the 1974 Census are being published in accordance with the expanded classification system for agricultural production published in the 1972 edition of the Standard Industrial Classification (SIC) Manual. In general, the SIC classifications published for 1974 are comparable to the historical type-of-farm classifications used for 1969 and a number of earlier censuses except that the expanded SIC provides the potential for a more detailed classification.

**Farms by standard industrial classification**—A standard classification for agri-

cultural production establishments (farms, ranches, nurseries, greenhouses, etc.) has been evolving over the entire lifetime of the SIC system, but at a less rapid rate than in other producing sectors of the economy, primarily because of the diversity of production typical of most farms. In recent years, increasing specialization by agricultural producers has encouraged the creation of a more detailed set of classifications. These classifications, found in the 1972 Standard Industrial Classification (SIC) Manual, are intended to promote uniformity and comparability in the presentation of statistical data collected by various governmental agencies.

An establishment primarily engaged in crop production (major group 01) or livestock production (major group 02) is classified in the 3- or 4-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural production. If the total value of sales of agricultural products of an establishment was less than 50 percent from a single 4-digit industry, but 50 percent or more from the products of two or more 4-digit industries within the same 3-digit industry group, the establishment is classified in the miscellaneous industry of that industry group; otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291.

A full description of the SIC classification system used for the 1974 agriculture census for farms with sales of \$2,500 or more, along with data showing detailed characteristics of farms with sales of \$2,500 or more for selected SIC groupings are shown in volume II, part 8. Limited data are shown also for each of the 36 4-digit industry groups at the national level.

Some farms included in the 1974 Census of Agriculture did not meet the official specifications of the standard industrial classification for agricultural activities. Sales of forest products on places which otherwise met the minimum farm definition historically have been included in the total value of farm products sold, but are not included in agricultural income by the SIC system.

## DESCRIPTION OF THE CENSUS Continued

Therefore, farms having more than one-half of their sales from forest products are excluded from the SIC. In addition, those farms having a significant proportion (but less than half) of their sales from forest products and not meeting the definition of one of the two categories of general farms are also excluded from the SIC.

### Quality of the Data

Every census or survey has some errors. These can arise from such sources as incorrect or incomplete reporting, processing errors, and the inability to obtain a response from all farms. Since limited sampling was involved in this census, most of the error is of the nonsampling type.

Reported data may be incorrect due to memory bias, misunderstanding of questions, or the use of rough estimates in reporting. Also, respondents may have failed to provide all of the information requested. In some cases, the respondent may have indicated the presence of an item but not the amount. Imputations were made for missing data on the quantities and sales values of crops and livestock, but no imputations were made for missing or incomplete data for such items as forest products sold, injuries and illnesses, and farm credit. Adjustments were made to data items which were inconsistent with other items.

Memory bias by respondents has some effect on data items, especially those which are related to a December 31, 1974, inventory reference date. Items such as poultry and livestock inventories were most subject to memory bias since a substantial number of the reports were completed well after the first of the year (average date was January 22). A special study of a sample of census reports indicated that some of the livestock inventories may represent inventories at the time when the respondent filled out the report. Because of several definitional and conceptual problems, the study did not provide data of publication quality; therefore, estimates of the differences will not be published.

An adjustment was made for agricultural operations on the mailing list which did not respond to the census. This adjustment employed sampling, and variation from the adjustment is measured in sampling errors; however, any systematic bias is not measured. The methodology for this adjustment is described below under **Statistical Adjustments**.

There was considerable undercoverage of smaller farms because a large number of these places were not represented in any of the administrative records of places associated with agricultural operations and, consequently, were not on the final mailing list. On the other hand, some names were on the mailing list more than once. Such duplication was eliminated in the collection and processing to a large extent, but some remains, particularly for farms whose operation changed hands, in whole or in part, while the list was being developed.

### Census Coverage

Although a complete and fully accurate count of farms, farmland, and farm production is the aim of each nationwide census of agriculture, the complex structure of America's agriculture makes this aim difficult to achieve. Among the complexities are the many places to be enumerated, the variety of arrangements under which farms are operated, the continuing changes in the relationship of farm operators to the land operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete listing of all agricultural operators, the difficulty in communicating census definitions and concepts, the operator's absence from his farm during mail effort and followup procedures, and the operator's opinion that some or all of his operations do not qualify as agricultural and should not be included in the census.

An evaluation of the coverage has been conducted for each census of agriculture since 1945. Although its primary purpose is to pinpoint problem areas and supply evidence upon which to base improve-

ments, the coverage check also provides users of census data with estimates of the completeness of census counts.

The coverage evaluation survey for the 1974 Census of Agriculture was planned to accomplish several objectives. The primary ones were to:

1. Measure the completeness of the census farm count and selected farm characteristics at the State level.
2. Evaluate the contribution of each administrative source list to the farm count and uncover overlaps in source lists.
3. Evaluate the effectiveness of the record linkage system and identify record duplications.
4. Provide information on factors associated with farms found not to be included in the census.

The measurement base used for both the 1969 and 1974 census coverage evaluations was the area sample of farms from the June enumerative survey conducted by the Statistical Reporting Service (SRS), USDA. The use of the June survey was based upon a cooperative agreement between SRS and the Bureau of the Census. The type of survey information to be provided to the Census Bureau and the conditions for use of the information were specified in the agreement. The agreement provided a considerable saving of costs as well as reducing respondent burden through cooperative data use.

The June enumerative survey sample is a stratified, general-purpose area sample covering the 48 conterminous States. The stratification is geographical, based upon the intensity of agriculture, and includes urban as well as rural areas. The sample consists of about 16,200 area segments with about 60,000 segment-associated farm operators. The number of segments in each State ranges from about 100 in Nevada to 1,000 in California. The average size of the area segments ranges from about 300 acres in areas where most of the land is under cultivation to about 4,000 acres in the range or grazing areas. Information for the June survey is collected in personal



interviews by enumerators employed by SRS.

The measurement base used for the 1974 census coverage evaluation did not include the entire June survey sample. It included only the sample of approximately 22,000 farm operators living inside the segments for which whole farm data were available, plus approximately 3,000 nonfarm persons living in all the segments. The information furnished for the 22,000 resident farm operators included name and address, name of farm or ranch, county, telephone number, total acres in place, acres by tenure, and sales class interval based on total value of agricultural products sold in 1973. Only name and address and limited acreage data were obtained for the nonfarm part of the sample.

In table 3 are estimates of census coverage for the conterminous United States in the last three censuses. Estimates for 1974 make use of both the 1974 and previous census farm definitions.

Census coverage varied by region from a high of 93.7 percent in the North Central to a low of 83.5 percent in the Northeast (table 4). Coverage of farms with sales of \$2,500 and over ranges from 96.9 percent for the North Central to 92.6 percent for the South. Coverage of farms with sales of under \$2,500 was much lower than that for the larger farms; coverage in the Northeast was less than 65 percent.

The coverage study provided estimates of the characteristics of farms not enumerated. Missed farms tended to be smaller than average in size, production, and sales. Three-fifths of them had sales of under \$2,500; their average size was 169 acres; and their average value of farm products sold was \$7,667 (table 5). More detailed information, on coverage estimates by size and type of farm and geographic area are included in volume IV, part 3.

### Statistical Adjustments

Report forms were obtained and tabulated for all the identified larger farms (in general, those with expected sales

**Table 3. Estimates of Census Coverage by Value of Sales Group: 1974, 1969, and 1964**

	Estimated percent included in census		
	Farms	Land in farms	Value of farm sales
<b>1974<sup>1</sup></b>			
All farms.....	89.3	93.1	94.6
Farm sales of \$2,500 and over....	95.3	(NA)	(NA)
Farms with sales under \$2,500.....	74.1	(NA)	(NA)
<b>1974<sup>2</sup></b>			
All farms.....	85.7	96.7	94.5
Farm sales of \$2,500 and over....	95.3	(NA)	(NA)
Farm sales of under \$2,500.....	67.2	(NA)	(NA)
<b>1969<sup>2</sup></b>			
All farms.....	85.0	90.9	96.6
Farm sales of \$2,500 and over....	96.7	(NA)	(NA)
Farm sales of under \$2,500.....	68.4	(NA)	(NA)
<b>1964<sup>2</sup></b>			
All farms.....	88.7	93.9	97.1
Farm sales of \$2,500 and over....	95.7	(NA)	(NA)
Farm sales of under \$2,500.....	80.7	(NA)	(NA)

<sup>1</sup>Using 1974 farm definition.

<sup>2</sup>Using 1959 farm definition.

**Table 4. Percentage of Farms Included in the Census by Value of Sales: 1974**

	Percent of farms included in census		
	Total	Farms with sales of \$2,500 and over	Farms with sales of under \$2,500
United States.....	89.3	95.3	74.1
<b>Regions</b>			
Northeast.....	83.5	94.4	64.5
North Central.....	93.7	96.9	77.0
South.....	84.8	92.6	74.5
West <sup>1</sup> .....	90.5	95.9	72.2
<b>Divisions</b>			
New England.....	82.2	94.8	60.4
Middle Atlantic.....	83.8	94.3	65.4
East North Central.....	92.9	97.1	75.9
West North Central.....	94.4	96.8	78.2
South Atlantic.....	83.4	93.0	69.7
East South Central.....	85.2	92.2	77.7
West South Central.....	85.5	92.7	75.0
Mountain.....	93.3	97.6	71.6
Pacific <sup>1</sup> .....	88.4	94.4	72.5

<sup>1</sup>Alaska or Hawaii not included.

**Table 5. Characteristics of Farms Missed in the Census: 1974**

	Average per farm		Percent distribution by value of sales				
	Acres	Value of sales (dollars)	Total	Under \$2,500	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 and over
United States.....	169	7,663	100.0	61.6	13.1	8.7	16.6
Northeast.....	105	8,380	100.0	70.7	8.8	2.5	18.0
North Central.....	217	10,274	100.0	48.4	15.7	10.9	25.0
South.....	125	5,373	100.0	67.6	13.0	8.6	10.8
West <sup>1</sup> .....	337	11,661	100.0	59.3	10.5	8.7	21.5

<sup>1</sup>Alaska and Hawaii not included.

of \$40,000 and over). In the few instances where the operator did not supply the required information, data were obtained from secondary sources. By means of detailed programed edit specifications, adjustments or corrections were made during the computer-edit operations for internally incomplete or inconsistent data. The manual review procedures provided for computer printouts of edit changes to an item that exceeded specified limits. These changes were then reviewed for reasonableness by members of the processing staff and necessary corrections made.

### Nonresponse

The statistics for each State and county were adjusted to account for smaller operations which did not respond in the census. A sample of addresses which did not respond during the regular census

followup period was selected and surveyed to estimate the number of farms by size for which adjustment should be made. The adjustment for these nonrespondent farms was made by selecting a stratified sample of farms which did respond during the census and expanding their figures to represent the nonrespondents. The expanded data were included in census totals.

Table 10 shows for selected items for the United States the percent of the published total that the whole farm nonresponse adjustment represents. These percentages indicate the potential for bias in published figures due to nonresponse, i.e., the extent to which the actual data for nonrespondents may not agree with the nonresponse adjustments. The probable range of difference is unknown. However, the degree of uncertainty regarding the accuracy of the data increases as the

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## DESCRIPTION OF THE CENSUS Continued

percentage of the total represented by the nonrespondent adjustment increases.

### Sampling

During the construction of the mailing list for the census, names obtained from various sources were matched to eliminate duplicates. Names that only appeared on the list provided by the Agricultural Stabilization and Conservation Service (ASCS) were randomly sampled at a rate varying by State from 100 to 10 percent, and only those drawn in the sample were asked to complete census reports. The census reports obtained from this sample were expanded to estimate the totals for all the farms on the "ASCS only" list. The farms in the sample generally were small in size, but occasionally they included some larger farms. The States sampled at a 100-

percent rate (all ASCS only names included in the mailing register) were Alaska, Delaware, Hawaii, Nevada, New Jersey, and West Virginia.

### Reliability of Adjustments for Nonresponse and Sampling

Table 11 shows estimates of reliability of the published totals for selected data items for the United States. These estimates include the variability from sampling the "ASCS only" list and the variability from using the random selection of respondent farms weighted by expansion factors to represent nonrespondent farms. For computing the estimates of variability due to weighting for nonresponse, the farms selected for weighting were considered to be a random sample of all farms in the stratum from which they were selected.

The variances from the two sources—the ASCS only and the nonresponse adjustment—were combined in the usual manner to provide the estimates of reliability.

There is approximately 67-percent confidence that the difference between the published estimate and the figure that would have been obtained if there were no variability involved is not more than the percentage presented in the table for a specific item. There is approximately 95-percent confidence that the difference is less than twice the percentage given.

The standard error measures the effect of certain nonsampling errors, but does not measure any systematic biases in the data arising from incorrect reporting by respondents, adjustments for nonresponse, or incompleteness of the mailing list.



Table 6. Percent Distribution of Census Reports Filled by Date Completed: 1974

	All farms	Farms date reported	Percent of reports filled by--												
			Jan. 1 to Jan. 10	Jan. 11 to Jan. 24	Jan. 25 to Feb. 7	Feb. 8 to Feb. 21	Feb. 22 to Mar. 7	Mar. 8 to Mar. 21	Mar. 22 to Apr. 4	Apr. 5 to May 2	May 3 to May 30	May 31 to June 27	June 28 to July 25	July 26 to Aug. 22	Aug. 23 and later
United States.....	2,314,013	1,924,718	8.7	24.8	16.0	5.7	7.1	3.7	4.9	10.5	4.8	5.1	1.7	0.8	6.1
REGIONS															
Northeast.....	127,531	110,147	4.1	22.5	18.5	7.3	9.9	4.4	5.3	11.1	4.1	4.8	1.7	.6	5.6
North Central.....	1,017,367	857,592	12.3	26.2	14.6	5.8	6.7	3.4	4.9	8.4	4.2	4.9	1.7	1.0	5.9
South.....	930,009	754,161	6.2	24.0	16.5	5.0	7.1	3.8	5.0	12.7	5.4	5.2	1.7	.6	6.8
West.....	239,016	202,818	5.5	22.7	18.1	6.6	7.1	4.7	4.0	11.3	6.2	6.0	2.0	1.0	4.8
DIVISIONS															
New England.....	23,269	19,713	4.9	21.8	17.9	7.0	10.2	4.4	5.2	12.2	4.3	4.2	1.5	.4	6.0
Middle Atlantic.....	104,262	90,434	4.0	22.6	18.7	7.4	9.9	4.4	5.3	10.9	4.0	4.9	1.8	.7	5.6
East North Central.....	444,695	380,988	12.4	25.5	15.0	5.8	7.3	3.6	5.0	9.5	3.9	4.5	1.5	1.0	4.9
West North Central.....	572,672	476,604	12.3	26.8	14.4	5.7	6.3	3.2	4.8	7.5	4.3	5.2	1.9	1.0	6.6
South Atlantic.....	296,103	238,746	7.9	21.7	16.8	5.3	7.5	3.7	5.3	12.7	5.2	5.1	1.7	.6	6.4
East South Central.....	306,010	246,795	5.6	25.1	17.7	4.9	7.3	3.5	5.6	12.7	5.0	4.4	1.3	.5	6.3
West South Central.....	327,986	268,620	5.1	24.8	15.3	4.9	6.6	4.1	4.3	12.6	6.0	5.9	2.1	.7	7.6
Mountain.....	111,868	93,744	7.0	23.8	17.0	6.4	7.0	4.2	4.1	10.9	5.7	6.3	2.3	.9	4.5
Pacific.....	127,148	109,074	4.3	21.8	19.0	6.8	7.1	5.2	3.8	11.6	6.7	5.8	1.7	1.1	5.0
NEW ENGLAND															
Maine.....	6,436	5,389	4.9	21.5	17.0	7.0	9.6	4.2	5.3	13.1	5.0	4.3	1.6	.4	6.0
New Hampshire.....	2,412	2,085	4.5	24.4	16.8	5.9	10.7	3.5	5.5	14.0	4.2	3.9	1.1	.4	5.1
Vermont.....	5,906	5,041	5.2	21.1	18.7	7.5	11.7	4.8	5.6	10.7	3.8	4.1	1.8	.3	4.7
Massachusetts.....	4,497	3,813	5.5	23.2	17.5	7.0	8.8	4.3	5.1	10.0	4.2	3.9	1.5	.4	8.6
Rhode Island.....	597	490	5.3	18.8	18.0	5.9	9.4	4.5	4.7	13.5	5.1	6.1	1.6	.8	6.3
Connecticut.....	3,421	2,895	4.0	20.4	19.4	7.3	10.2	4.6	4.1	14.3	4.0	4.5	1.5	.6	5.1
MIDDLE ATLANTIC															
New York.....	43,682	38,222	4.3	23.7	17.5	7.1	10.5	4.2	5.4	10.3	4.0	5.1	1.9	1.0	5.0
New Jersey.....	7,409	6,374	3.4	20.6	19.1	7.7	8.5	5.3	4.5	11.2	4.9	5.8	2.5	.9	5.4
Pennsylvania.....	53,171	45,838	3.7	22.0	19.6	7.6	9.6	4.5	5.3	11.2	3.9	4.6	1.5	.4	6.0
EAST NORTH CENTRAL															
Ohio.....	92,158	79,505	14.0	23.2	15.3	6.1	7.4	4.0	5.0	9.8	3.7	4.3	1.3	.9	5.0
Indiana.....	87,915	74,357	13.1	25.6	15.6	5.2	6.3	3.2	5.4	9.7	4.0	4.6	1.5	1.0	4.7
Illinois.....	111,049	93,626	13.2	26.7	14.7	5.4	6.6	3.2	4.2	8.8	4.1	4.5	1.8	1.5	5.2
Michigan.....	64,094	55,504	7.8	27.1	15.2	6.2	7.6	3.9	5.4	11.5	4.3	4.4	1.2	.8	4.6
Wisconsin.....	89,479	77,996	12.6	25.1	14.3	6.4	8.5	4.1	5.5	8.5	3.6	4.6	1.6	.7	4.6
WEST NORTH CENTRAL															
Minnesota.....	98,537	82,842	12.7	23.0	12.5	4.9	6.3	2.9	5.0	7.5	4.8	6.6	2.6	1.1	10.2
Iowa.....	126,104	105,352	15.4	25.3	12.9	5.0	5.5	3.1	5.1	7.2	4.3	4.6	2.2	1.6	7.7
Missouri.....	115,711	95,901	7.7	29.5	15.3	5.9	7.0	3.7	5.4	9.4	4.5	4.5	1.5	.5	5.1
North Dakota.....	42,710	36,309	14.3	26.9	12.9	5.3	6.3	2.6	4.2	7.3	4.7	5.7	2.2	2.3	5.3
South Dakota.....	42,825	35,944	16.6	28.6	15.8	6.7	4.8	2.8	3.2	5.8	3.9	4.2	1.5	.5	5.5
Nebraska.....	67,597	55,167	12.9	26.3	16.5	7.5	7.5	3.2	4.1	6.0	3.5	5.4	1.4	.5	5.1
Kansas.....	79,188	65,089	9.2	29.9	15.9	5.8	6.4	3.4	4.7	7.7	4.2	5.5	1.4	.5	5.3
SOUTH ATLANTIC															
Delaware.....	3,400	2,736	6.7	23.5	15.4	6.3	7.3	4.5	4.3	10.8	3.4	8.0	3.4	.7	5.4
Maryland.....	15,163	12,866	4.8	25.3	18.1	6.1	8.1	3.5	4.1	11.3	3.4	7.1	2.0	.7	5.6
Virginia.....	52,699	44,253	5.5	23.4	21.4	6.3	8.1	4.1	5.6	11.1	4.3	3.5	1.1	.2	5.4
West Virginia.....	16,909	14,236	10.0	24.4	19.0	6.9	7.9	3.2	6.0	10.6	4.3	2.3	.6	.3	4.4
North Carolina.....	91,280	72,408	8.5	21.7	16.8	4.6	7.1	3.4	6.2	11.2	5.3	5.5	1.8	.5	7.4
South Carolina.....	29,275	23,083	8.2	20.7	13.9	4.2	7.0	3.4	5.2	15.6	6.3	6.1	1.8	.6	7.0
Georgia.....	54,911	42,628	10.1	20.6	13.7	4.7	6.9	3.9	4.1	15.1	5.5	5.4	2.3	.8	6.8
Florida.....	32,466	26,536	7.0	18.4	14.6	6.7	8.8	4.3	4.8	15.4	5.9	6.0	1.8	.8	5.5
EAST SOUTH CENTRAL															
Kentucky.....	102,053	83,049	7.4	27.4	17.5	4.8	7.2	3.2	5.5	11.3	4.4	4.3	1.3	.4	5.5
Tennessee.....	93,659	76,844	5.4	27.4	18.8	5.1	7.9	3.6	4.9	12.3	4.1	3.9	1.1	.3	5.1
Alabama.....	56,678	45,055	4.6	20.5	16.7	4.4	6.9	4.3	6.9	13.7	6.3	5.4	1.7	.6	7.9
Mississippi.....	53,620	41,847	3.2	21.7	17.3	5.1	7.0	3.2	5.7	15.3	6.2	4.8	1.4	.6	8.4
WEST SOUTH CENTRAL															
Arkansas.....	50,959	41,228	6.4	26.0	13.5	4.4	6.5	4.3	6.3	12.3	5.1	5.8	1.6	.6	7.0
Louisiana.....	33,240	26,516	3.4	18.7	13.4	4.0	6.9	4.3	5.0	17.5	7.1	8.5	2.1	.8	8.2
Oklahoma.....	69,719	56,402	5.6	24.5	15.2	5.6	6.7	4.5	5.4	10.7	5.6	5.8	1.8	.6	7.8
Texas.....	174,068	144,474	4.9	25.8	16.2	5.0	6.4	3.8	3.3	12.5	6.2	5.5	2.3	.7	7.5
MOUNTAIN															
Montana.....	23,324	19,879	8.5	28.8	16.6	5.8	6.6	3.6	4.2	9.1	4.3	5.6	1.7	.5	4.7
Idaho.....	23,680	19,671	6.4	21.5	18.0	6.9	7.2	4.4	4.0	11.2	6.3	7.3	2.0	.7	4.0
Wyoming.....	8,018	6,744	8.6	26.1	16.8	6.6	6.6	3.7	3.7	9.7	5.2	5.6	2.2	.7	4.6
Colorado.....	25,501	21,695	9.0	23.4	16.6	6.6	7.2	4.4	4.1	10.2	5.1	5.2	2.4	.9	4.9
New Mexico.....	11,282	9,360	3.3	22.6	17.7	6.3	8.2	4.5	4.3	12.0	6.5	6.8	2.7	1.0	4.1
Arizona.....	5,803	4,715	3.6	21.6	14.3	6.1	6.7	4.4	4.4	13.6	7.0	7.1	4.1	2.2	5.0
Utah.....	12,184	9,928	5.9	20.2	16.9	5.3	6.0	3.8	4.4	13.9	7.5	8.0	2.9	1.0	4.1
Nevada.....	2,076	1,752	3.7	18.9	19.6	8.6	7.1	5.0	2.6	13.8	6.4	6.9	2.3	.9	4.3
PACIFIC															
Washington.....	29,410	25,536	5.7	24.5	18.1	6.9	6.6	5.3	4.7	10.1	5.7	5.0	1.9	1.3	4.2
Oregon.....	26,753	23,139	4.2	22.9	20.7	7.3	6.8	4.7	4.1	11.7	6.1	5.7	1.6	1.1	3.2
California.....	67,674	57,612	3.3	20.7	19.2	6.5	7.3	5.2	3.3	12.4	7.2	6.2	1.7	1.1	5.9
Alaska.....	291	134	9.0	39.5	9.7	6.0	7.5	6.7	.7	6.0	2.2	3.7	2.2	3.0	3.7
Hawaii.....	3,020	2,653	10.9	9.9	7.9	8.4	11.5	8.4	6.6	10.0	8.8	4.8	1.5	.5	10.7

**Table 7. Farms and Value of Products Sold by 1974 and 1959 Definitions With Comparable Data for Agricultural Operations Excluded by 1974 Definition: 1974 and 1969**

	1974 definition				1959 definition				Agricultural operations excluded by 1974 definition but not by 1959 definition			
	Farms		Value of agricultural products sold (\$1,000)		Farms		Value of agricultural products sold (\$1,000)		Farms		Value of agricultural products sold (\$1,000)	
	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969
	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969	1974	1969
United States.....	2,314,013	2,159,346	81,531,026	45,331,794	2,466,123	2,730,250	81,570,280	45,563,891	152,110	570,904	39,255	232,097
REGIONS												
Northeast.....	127,531	117,575	4,291,380	2,808,907	137,323	151,866	4,293,691	2,821,655	9,792	34,291	2,311	12,748
North Central.....	1,017,367	1,004,309	36,356,609	20,017,477	1,060,255	1,151,884	36,368,062	20,079,755	42,888	147,575	11,453	62,277
South.....	930,099	819,498	23,363,853	13,188,815	1,008,677	1,161,399	23,382,480	13,328,201	78,578	341,901	18,627	139,386
West.....	239,016	217,964	17,519,184	9,316,594	259,868	265,101	17,526,047	9,334,280	20,852	47,137	6,863	17,686
DIVISIONS												
New England.....	23,269	21,870	1,028,486	681,025	25,962	28,640	1,029,125	683,336	2,693	6,770	639	2,311
Middle Atlantic.....	104,262	95,705	3,262,893	2,127,883	111,361	123,226	3,264,566	2,138,320	7,099	27,521	1,672	10,437
East North Central.....	444,695	427,175	13,384,983	7,507,154	468,938	513,295	13,391,349	7,543,528	24,243	86,120	6,366	36,374
West North Central.....	572,672	577,134	22,971,626	12,510,323	591,317	638,589	22,976,714	12,536,227	18,645	61,455	5,087	25,904
South Atlantic.....	296,103	260,305	8,519,784	4,832,353	324,176	370,567	8,526,269	4,873,393	28,073	110,262	6,485	41,040
East South Central.....	306,010	256,261	4,536,535	2,666,523	333,823	391,543	4,543,651	2,724,872	27,813	135,282	7,115	58,350
West South Central.....	327,986	302,932	10,307,534	5,689,939	350,678	399,289	10,312,560	5,729,936	22,692	96,357	5,027	39,997
Mountain.....	111,868	104,496	6,819,518	3,832,793	119,458	119,902	6,822,239	3,839,045	7,590	15,406	2,321	6,252
Pacific.....	127,148	113,468	10,699,266	5,483,801	140,410	145,199	10,703,808	5,495,235	13,262	31,731	4,542	11,433
NEW ENGLAND												
Maine.....	6,436	6,002	359,612	197,490	7,110	7,971	359,758	198,181	674	1,969	146	691
New Hampshire.....	2,412	2,001	72,192	48,343	2,827	2,902	72,271	48,642	415	901	79	299
Vermont.....	5,906	5,549	207,889	135,579	6,345	6,874	207,991	136,010	439	1,325	102	431
Massachusetts.....	4,497	4,347	179,653	138,170	5,127	5,703	179,832	138,650	630	1,356	179	480
Rhode Island.....	597	523	22,219	15,905	726	700	22,250	15,963	129	177	32	58
Connecticut.....	3,421	3,448	186,921	145,539	3,827	4,490	187,022	145,890	406	1,042	101	351
MIDDLE ATLANTIC												
New York.....	43,682	40,945	1,462,383	974,998	46,683	51,909	1,463,069	979,000	3,001	10,964	686	4,002
New Jersey.....	7,409	6,683	297,216	213,149	8,092	8,493	297,443	213,893	683	1,810	228	744
Pennsylvania.....	53,171	48,077	1,503,295	939,736	56,586	62,824	1,504,054	945,427	3,415	14,747	758	5,692
EAST NORTH CENTRAL												
Ohio.....	92,158	86,707	2,262,527	1,235,473	98,175	111,332	2,264,154	1,246,072	6,017	24,625	1,627	10,598
Indiana.....	87,915	83,835	2,612,631	1,392,384	92,961	101,479	2,614,029	1,400,146	5,046	17,644	1,398	7,762
Illinois.....	111,049	111,778	4,665,390	2,607,227	115,954	123,565	4,666,840	2,612,378	4,905	11,787	1,450	5,151
Michigan.....	64,094	58,106	1,491,439	821,587	68,952	77,946	1,492,527	829,451	4,858	19,840	1,088	7,864
Wisconsin.....	89,479	86,749	2,352,996	1,450,483	92,896	98,973	2,353,799	1,455,482	3,617	12,224	803	4,998
WEST NORTH CENTRAL												
Minnesota.....	98,537	99,903	3,469,923	1,743,168	102,178	110,747	3,470,934	1,747,892	3,641	10,844	1,010	4,724
Iowa.....	126,104	132,102	6,319,637	3,652,049	129,363	140,354	6,320,602	3,655,512	3,259	8,252	965	3,463
Missouri.....	115,711	111,102	2,304,081	1,449,519	121,537	137,067	2,305,473	1,460,033	5,826	25,965	1,392	10,514
North Dakota.....	42,710	44,298	1,802,791	747,986	43,319	46,381	1,802,954	748,910	609	2,083	163	924
South Dakota.....	42,825	43,391	1,660,167	957,050	43,722	45,726	1,660,442	958,002	897	2,335	274	952
Nebraska.....	67,597	68,167	3,732,982	2,146,058	69,173	72,257	3,733,478	2,147,860	1,576	4,090	495	1,802
Kansas.....	79,188	78,171	3,682,044	1,814,494	82,025	86,057	3,682,831	1,818,018	2,837	7,886	787	3,524
SOUTH ATLANTIC												
Delaware.....	3,400	3,245	250,902	129,280	3,553	3,710	250,943	129,471	153	465	41	192
Maryland.....	15,163	13,986	619,947	338,444	16,312	17,181	620,298	339,597	1,149	3,195	351	1,154
Virginia.....	52,699	46,087	959,687	562,548	58,227	64,572	961,106	570,335	5,528	18,485	1,419	7,788
West Virginia.....	16,909	12,614	133,088	100,472	19,103	23,142	133,525	104,638	2,194	10,528	437	4,166
North Carolina.....	91,280	86,053	2,121,226	1,182,809	100,563	119,386	2,123,373	1,195,069	9,283	33,333	2,147	12,260
South Carolina.....	29,275	24,839	676,496	356,913	32,319	39,559	677,140	362,215	3,044	14,720	645	5,302
Georgia.....	54,911	48,197	1,859,780	1,033,211	59,082	67,431	1,860,551	1,039,994	4,171	19,234	771	6,783
Florida.....	32,466	25,284	1,898,658	1,128,677	35,017	35,586	1,899,334	1,132,074	2,551	10,302	675	3,397
EAST SOUTH CENTRAL												
Kentucky.....	102,053	92,039	1,251,853	753,458	110,024	125,069	1,254,362	769,858	7,971	33,030	2,509	16,400
Tennessee.....	93,659	77,894	933,168	602,906	103,219	121,406	936,056	623,142	9,560	43,512	2,888	20,236
Alabama.....	56,678	43,435	1,122,481	636,019	61,975	72,491	1,123,434	646,695	5,297	29,056	953	10,676
Mississippi.....	53,620	42,893	1,229,033	674,140	58,605	72,577	1,229,798	685,178	4,985	29,684	765	11,038
WEST SOUTH CENTRAL												
Arkansas.....	50,959	45,345	1,880,719	966,569	54,051	60,433	1,881,370	972,837	3,092	15,088	651	6,268
Louisiana.....	33,240	27,982	1,193,722	490,763	35,951	42,269	1,194,259	496,406	2,711	14,287	537	5,643
Oklahoma.....	69,719	67,796	1,594,913	962,785	74,059	83,037	1,595,855	969,271	4,340	15,241	941	6,486
Texas.....	174,068	161,809	5,638,180	3,269,821	186,617	213,550	5,641,077	3,291,422	12,549	51,741	2,897	21,600
MOUNTAIN												
Montana.....	23,324	22,744	1,033,239	574,924	24,392	24,951	1,033,548	575,802	1,068	2,207	309	878
Idaho.....	23,680	22,523	1,381,209	648,327	24,904	25,475	1,381,626	649,571	1,224	2,952	417	1,244
Wyoming.....	8,018	8,025	360,925	248,500	8,434	8,838	361,041	248,826	416	813	116	326
Colorado.....	25,501	24,365	1,970,236	1,099,532	27,127	27,950	1,970,714	1,100,948	1,626	3,585	478	1,416
New Mexico.....	11,282	9,377	521,693	357,925	12,611	11,641	522,053	358,831	1,329	2,264	360	906
Arizona.....	5,803	4,927	1,080,530	610,847	6,423	5,890	1,080,728	611,211	620	963	198	364
Utah.....	12,184	10,707	338,649	211,977	13,294	13,045	339,035	212,977	1,110	2,338	386	1,000
Nevada.....	2,076	1,828	133,437	80,761	2,273	2,112	133,495	80,880	197	284	58	119
PACIFIC												
Washington.....	29,410	26,461	1,658,077	768,292	32,649	34,033	1,659,092	771,229	3,239	7,572	1,015	2,936
Oregon.....	26,753	21,778	1,025,082	528,338	30,166	29,063	1,026,205	531,209	3,413	7,285	1,123	2,871
California.....	67,674	62,148	7,399,623	3,898,330	73,955	77,875	7,401,871	3,903,560	6,281	15,727	2,248	5,230
Alaska.....	291	205	6,695	3,568	333	332	6,712	3,617	42	127	17	49
Hawaii.....	3,020	2,876	609,788	285,272	3,307	3,896	609,928	285,619	287	1,020	140	347

**Table 8. Characteristics of Agricultural Operations Qualifying as Farms by the 1959 Definition but Excluded by the 1974 Definition: 1974 and 1969**

FARM or FARMS in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, FARM DEFINITION)

FARM OR FARMS in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, FARM DEFINITION)	Specified excluded agricultural operations, 1974					Farms with sales of under \$1,000, 1969				
	By occupation and age of operator									
	Occupation farming		Occupation other than farming							
	Total	Under 65 years old	65 years old and over	Under 65 years old	65 years old and over	Total	Class 6	Part time	Part retirement	
FARMS AND LAND IN FARMS										
Farms.....	number..	152,110	23,231	16,725	96,387	15,767	570,904	106,709	334,700	129,495
Land in farms.....	percent..	100.0	15.3	11.0	63.4	10.4	100.0	18.7	58.6	22.7
Average size of farm.....	acres..	8,657,228	1,937,331	1,364,870	4,447,963	907,064	44,336,622	9,057,132	24,542,310	10,737,180
Value of land and buildings.....	\$1,000..	5,354,548	881,332	578,808	3,375,256	519,152	13,159,888	2,469,782	7,923,088	2,767,019
Average per farm.....	dollars..	35,202	37,938	34,607	35,018	32,926	23,051	23,145	23,672	21,368
Average per acre.....	dollars..	619	455	424	759	572	297	273	323	258
Farms by value of farm:										
\$1 to \$9,999.....		36,306	7,004	4,616	20,554	4,132	185,549	41,285	96,862	47,402
\$10,000 to \$19,999.....		34,628	5,320	3,955	21,522	3,831	166,830	29,024	99,992	37,814
\$20,000 to \$39,999.....		41,105	5,248	4,286	27,512	4,059	141,554	22,119	90,627	28,808
\$40,000 to \$69,999.....		23,723	2,962	2,100	16,447	2,214	50,723	8,712	31,990	10,021
\$70,000 to \$99,999.....		7,453	1,013	732	5,002	706	12,914	2,569	7,605	2,740
\$100,000 and over.....		8,895	1,684	1,036	5,350	825	13,334	3,000	7,624	2,710
Owned and rented lands by farm operators:										
Land owned.....	farms..	144,983	21,852	16,331	91,462	15,338	532,432	97,460	310,296	124,676
Land rented or leased from others.....	acres..	10,143,276	2,340,902	1,636,389	5,073,410	1,092,575	45,477,927	9,390,089	24,200,759	11,887,079
Land rented or leased to others.....	farms..	14,234	2,677	1,003	9,702	852	82,122	17,956	52,811	11,355
Land rented or leased to others.....	acres..	1,206,560	422,903	146,590	559,955	77,112	5,774,679	1,360,558	3,643,542	770,579
Land rented or leased to others.....	farms..	36,399	8,418	4,606	19,424	3,951	102,796	21,697	53,947	27,152
Land rented or leased to others.....	acres..	2,692,608	826,474	418,109	1,185,402	262,623	6,915,984	1,693,515	3,301,991	1,920,478
LAND IN FARMS ACCORDING TO USE										
Total cropland.....	farms..	107,214	15,213	11,856	68,407	11,737	491,280	90,563	287,169	113,548
Harvested cropland.....	acres..	1,847,006	359,522	253,928	1,030,411	203,145	18,624,942	3,692,268	10,480,916	4,451,758
Other cropland (see text).....	farms..	50,672	6,708	5,985	31,964	6,015	333,274	61,660	193,039	78,575
Other cropland (see text).....	acres..	199,807	24,129	22,376	129,409	23,893	3,887,163	687,118	2,303,499	896,546
Farms by acres harvested:										
1 to 9 acres.....		45,526	6,137	5,425	28,572	5,392	182,040	35,695	102,175	44,170
10 to 19 acres.....		5,146	571	560	3,392	623	89,446	15,333	53,877	20,236
20 to 29 acres.....		-	-	-	-	-	34,184	5,794	20,571	7,819
30 to 49 acres.....		-	-	-	-	-	20,959	3,559	12,505	4,895
50 to 99 acres.....		-	-	-	-	-	6,176	1,133	3,700	1,343
100 acres and over.....		-	-	-	-	-	469	146	211	112
Cropland used only for pasture or grazing.....	farms..	63,867	8,559	6,451	42,279	6,578	281,983	50,223	167,697	64,063
Other cropland (see text).....	acres..	887,200	137,426	102,134	550,379	97,261	9,314,223	1,850,929	5,239,368	2,223,926
Woodland, including woodland pasture.....	farms..	22,284	3,484	2,812	13,517	2,471	175,194	31,807	101,051	42,336
Other land (see text).....	acres..	759,999	197,967	129,418	350,623	81,991	5,423,556	1,154,221	2,938,049	1,331,286
Woodland, including woodland pasture.....	farms..	58,653	8,296	6,555	37,308	6,494	277,028	50,013	161,938	65,077
Other land (see text).....	acres..	2,509,294	410,379	316,122	1,468,546	314,247	12,872,284	2,442,212	7,310,855	3,119,217
Irrigated land.....	farms..	115,665	18,085	13,136	72,712	11,732	399,682	73,837	233,067	92,778
Other land (see text).....	acres..	4,300,928	1,167,430	794,820	1,949,006	389,672	12,839,396	2,922,652	6,750,539	3,166,205
Irrigated land.....	farms..	8,432	800	678	6,262	692	24,692	3,394	17,127	4,171
Other land (see text).....	acres..	54,551	6,775	5,084	37,777	4,915	281,444	42,417	192,547	46,480
RACE AND TENURE OF OPERATOR										
All farm operators:										
Full owners.....		138,152	20,625	15,748	86,836	14,943	490,407	89,213	282,717	118,477
Part owners.....		6,360	1,094	541	4,351	374	40,329	7,791	26,701	5,837
Tenants.....		7,598	1,512	436	5,200	450	40,168	9,705	25,282	5,181
White farm operators:										
Full owners.....		130,802	19,140	14,246	83,808	13,608	457,013	80,047	270,263	106,703
Part owners.....		5,914	975	485	4,134	320	53,643	6,365	24,562	4,716
Tenants.....		7,032	1,353	346	4,956	377	33,111	7,127	22,459	3,525
Black and other races (see text):										
Full owners.....		7,350	1,485	1,502	3,028	1,335	33,394	9,166	12,454	11,774
Part owners.....		446	119	56	217	54	4,686	1,426	2,139	1,121
Tenants.....		566	159	90	244	73	7,057	2,578	2,823	1,656
FARM OPERATOR CHARACTERISTICS										
Farm operators by age group:										
Under 25 years.....		3,384	971	-	2,413	-	10,787	3,231	7,556	-
25 to 34 years.....		18,606	2,541	-	16,065	-	54,386	7,359	47,027	-
35 to 44 years.....		29,287	3,860	-	25,427	-	101,534	15,470	86,064	-
45 to 54 years.....		35,115	6,377	-	28,738	-	135,928	29,585	106,343	-
55 to 64 years.....		33,226	9,482	-	23,744	-	138,774	51,064	87,710	-
65 years and over.....		32,492	-	16,725	-	15,767	129,495	-	-	129,495
Average age.....		51.5	48.7	72.0	45.3	71.5	52.8	50.9	46.1	71.7
Farm operators by place of residence:										
On farm operated.....		76,988	7,021	7,243	53,007	9,717	353,041	59,835	203,703	89,503
On another farm.....		7,779	4,602	633	2,280	264	121,624	23,779	80,439	17,406
In a rural area not on a farm.....		4,271	705	239	2,968	359	121,624	23,779	80,439	17,406
In a city, town, or urban area.....		11,849	847	437	9,317	1,248	121,624	23,779	80,439	17,406
Farm operators reporting days of work off farm.....		138,289	16,235	12,541	94,507	15,006	(NA)	(NA)	(NA)	(NA)
None.....		33,609	8,653	10,285	6,344	8,327	(NA)	(NA)	(NA)	(NA)
Any.....		104,680	7,582	2,256	88,163	6,679	423,573	39,121	334,700	49,752
1 to 49 days.....		8,683	2,145	955	4,261	1,322	40,718	23,274	-	17,444
50 to 99 days.....		4,491	1,084	380	2,199	828	21,964	15,847	-	6,117
100 to 149 days.....		4,116	788	297	2,379	652	56,536	-	49,772	6,764
150 to 199 days.....		7,620	724	116	6,052	728	304,355	-	284,928	19,427
200 days and over.....		79,770	2,841	508	73,272	3,149	304,355	-	284,928	19,427
Farm operators by principal occupation:										
Farming.....		39,956	23,231	16,725	-	-	(NA)	(NA)	(NA)	(NA)
Other.....		112,154	-	-	96,387	15,767	(NA)	(NA)	(NA)	(NA)
Farm operators by off-farm income:										
Reporting any.....		73,914	12,975	8,849	44,193	7,897	(NA)	(NA)	(NA)	(NA)
Off-farm income equal to or greater than value of farm products sold.....		67,561	12,093	8,233	40,009	7,226	(NA)	(NA)	(NA)	(NA)
Off-farm income less than value of farm products sold.....		6,353	882	616	4,184	671	(NA)	(NA)	(NA)	(NA)
Not reporting or reporting none.....		78,196	10,256	7,876	52,194	7,870	(NA)	(NA)	(NA)	(NA)

**Table 8. Characteristics of Agricultural Operations Qualifying as Farms by the 1959 Definition but Excluded by the 1974 Definition: 1974 and 1969—Continued**

FARM or FARMS in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, FARM DEFINITION)	Specified excluded agricultural operations, 1974					Farms with sales of under \$1,000, 1969			
	Total	By occupation and age of operator				Total	Class 6	Part time	Part retirement
		Occupation farming		Occupation other than farming					
		Under 65 years old	65 years old and over	Under 65 years old	65 years old and over				
FARMS BY SIZE									
1 to 9 acres.....	40,671	6,609	4,124	26,298	3,640	72,718	15,577	42,908	14,233
10 to 49 acres.....	74,147	9,789	7,371	49,226	7,761	232,827	41,625	141,773	49,429
50 to 69 acres.....	10,820	1,768	1,390	6,381	1,281	62,831	11,244	36,098	15,489
70 to 99 acres.....	9,614	1,555	1,221	5,716	1,122	73,682	13,017	42,547	18,118
100 to 139 acres.....	6,086	1,031	823	3,495	737	51,383	9,415	29,031	12,937
140 to 179 acres.....	3,674	695	572	1,966	441	30,946	5,732	17,359	7,855
180 to 219 acres.....	1,614	316	241	854	203	14,539	2,827	8,169	3,543
220 to 259 acres.....	1,091	253	164	554	120	8,606	1,779	4,733	2,094
260 to 499 acres.....	2,503	641	421	1,158	283	16,528	3,630	8,736	4,162
500 acres and over.....	1,890	574	398	739	179	6,844	1,863	3,346	1,635
VALUE OF PRODUCTS SOLD									
Market value of all agricultural products sold (see text).....\$1,000..	39,255	5,785	4,242	25,322	3,906	232,097	43,467	136,316	52,314
Average per farm.....dollars..	258	249	254	263	248	407	407	407	404
Farms by value of agricultural products sold:									
Under \$250.....	85,813	13,665	9,686	53,267	9,195	205,343	38,781	118,784	47,778
\$250 to \$499.....	30,982	4,084	3,025	20,734	3,139	131,680	23,604	79,082	28,994
\$500 to \$999.....	35,315	5,482	4,014	22,386	3,433	233,881	44,324	136,834	52,723
Crops and hay sold.....farms..	34,757	5,034	4,149	21,377	4,197	250,673	49,125	141,870	59,678
\$1,000..	15,378	2,493	1,949	9,141	1,795				
Nursery and greenhouse products.....farms..	2,053	261	256	1,239	297	109,811	22,602	61,299	25,910
\$1,000..	946	134	128	555	130	10,942	1,962	6,220	2,760
Forest products.....farms..	2,113	193	206	1,473	241				
\$1,000..	404	56	49	248	51	1,765	330	1,005	430
Livestock and livestock products.....farms..	56,764	7,340	4,912	39,674	4,838	264,506	45,706	161,378	57,422
\$1,000..	21,527	2,915	1,984	14,801	1,827				
Poultry and poultry products.....farms..	6,953	964	756	4,576	657	120,521	20,536	74,012	25,973
\$1,000..	1,000	187	132	577	104				
PRODUCTION EXPENSES									
Total farm production expenses.....farms..	145,304	21,139	14,860	94,060	15,245	570,886	106,695	334,698	129,493
\$1,000..	112,545	15,890	10,013	76,696	9,946	543,731	99,147	340,274	104,310
Farms with expenditures of --									
\$1 to \$499.....	57,181	8,980	6,978	34,266	6,957	228,188	46,728	120,670	60,790
\$500 to \$999.....	54,580	7,794	5,357	35,673	5,756	156,642	27,868	93,663	35,111
\$1,000 to \$1,999.....	25,950	3,225	1,958	18,631	2,136	186,056	32,099	120,365	33,592
\$2,000 and over.....	7,593	1,140	567	5,490	396				
Livestock and poultry purchased.....farms..	54,060	6,833	4,113	38,205	4,909	177,657	30,190	114,464	33,003
\$1,000..	14,172	1,554	930	10,542	1,146	61,442	9,985	42,604	8,854
Feed for livestock and poultry.....farms..	105,422	13,580	9,206	71,983	10,653	303,758	51,125	189,945	62,688
\$1,000..	27,131	3,409	2,176	19,075	2,471	77,296	12,391	50,874	14,032
Commercially mixed formula feeds.....farms..	70,466	10,385	7,043	45,397	7,641	(NA)	(NA)	(NA)	(NA)
tons..	94,300	13,515	9,152	62,196	9,438	(NA)	(NA)	(NA)	(NA)
\$1,000..	13,112	1,899	1,267	8,660	1,286	(NA)	(NA)	(NA)	(NA)
Seeds, bulbs, plants, and trees.....farms..	43,167	5,881	4,058	28,808	4,420	207,577	38,854	123,416	45,307
\$1,000..	2,136	301	195	1,427	214	12,595	2,364	7,714	2,518
Commercial fertilizer.....farms..	57,275	8,552	6,325	35,950	6,448	310,014	59,883	179,247	70,884
\$1,000..	4,545	727	493	2,832	492	39,316	7,689	23,603	8,024
Other agricultural chemicals (see text).....farms..	14,625	1,965	1,266	10,216	1,178	172,066	30,623	106,847	34,596
\$1,000..	874	166	86	563	59	10,080	1,924	6,282	1,874
Gasoline and other petroleum fuel and oil for the farm business.....farms..	127,224	18,440	13,159	82,583	13,042	515,259	94,530	306,681	114,048
\$1,000..	16,803	2,632	1,772	10,725	1,674	67,294	13,585	39,001	14,708
Hired farm labor.....farms..	14,478	1,965	1,334	9,795	1,384	164,378	32,237	95,151	36,990
\$1,000..	3,960	789	441	2,396	334	36,934	8,499	20,338	8,097
Contract labor.....farms..	2,444	247	148	1,874	175	180,487	30,987	110,004	39,496
\$1,000..	448	60	61	293	34				
Machine hire and customwork.....farms..	19,129	2,566	2,007	12,803	1,753	26,166	4,807	15,887	5,472
\$1,000..	2,129	373	247	1,320	188	362,244	65,185	217,878	79,181
Other production expenses.....farms..	106,905	15,567	10,590	69,966	10,782				
\$1,000..	40,348	5,880	3,611	27,523	3,334	212,608	37,904	133,972	40,731
FARM-RELATED INCOME AND EXPENSES									
Farm-related income.....farms..	22,675	4,181	2,304	13,712	2,478	(NA)	(NA)	(NA)	(NA)
\$1,000..	27,780	7,943	2,805	14,303	2,730	(NA)	(NA)	(NA)	(NA)
Customwork and other agricultural services.....farms..	4,131	683	367	2,748	333	23,163	5,383	12,909	4,871
\$1,000..	5,406	1,455	363	3,125	463	17,459	3,965	10,916	2,578
Recreational services.....farms..	901	94	73	660	74	5,318	1,006	3,143	1,169
\$1,000..	1,714	159	45	1,399	111	4,563	1,238	2,662	663
Government farm programs.....farms..	3,807	581	392	2,439	395	150,552	27,457	86,165	36,930
\$1,000..	1,813	457	198	986	173	75,489	14,332	42,171	18,987
Rent of farmland or from lease or sale of allotments.....farms..	14,931	3,081	1,638	8,373	1,839	(NA)	(NA)	(NA)	(NA)
\$1,000..	17,272	5,594	2,105	7,698	1,876	(NA)	(NA)	(NA)	(NA)
Other farm-related sources.....farms..	1,272	186	84	911	91	(NA)	(NA)	(NA)	(NA)
\$1,000..	1,574	278	94	1,096	106	(NA)	(NA)	(NA)	(NA)
Expenses for farm-related income sources.....farms..	7,827	1,489	700	4,815	823	(NA)	(NA)	(NA)	(NA)
\$1,000..	9,076	1,901	593	5,681	901	(NA)	(NA)	(NA)	(NA)
SELECTED MACHINERY AND EQUIPMENT									
Automobiles.....farms..	107,980	16,287	10,976	68,864	11,853	352,792	61,903	214,887	76,002
number..	125,947	18,214	12,115	82,478	13,140	453,730	76,691	287,023	90,016
Motortrucks, including pickups.....farms..	107,239	15,287	10,016	71,356	10,580	316,766	56,776	198,599	61,391
number..	119,097	16,885	10,804	79,870	11,538	353,933	64,482	222,530	66,921
Tractors, excluding garden tractors and motor tillers.....farms..	103,604	14,722	10,137	68,177	10,568	355,238	61,840	219,116	74,282
number..	130,748	18,700	12,793	86,022	13,233	448,718	79,556	277,458	91,704
Wheeltractors, excluding garden tractors and motor tillers.....farms..	102,491	14,605	10,038	67,369	10,479	(NA)	(NA)	(NA)	(NA)
number..	128,001	18,390	12,533	84,048	13,030	(NA)	(NA)	(NA)	(NA)
Crawler tractors.....farms..	2,557	283	239	1,845	190	(NA)	(NA)	(NA)	(NA)
number..	2,747	310	260	1,974	203	(NA)	(NA)	(NA)	(NA)
Grain and bean combines, self-propelled.....farms..	928	308	152	409	59	7,503	1,714	4,449	1,340
number..	994	335	162	429	68	7,946	1,855	4,691	1,400

**Table 8. Characteristics of Agricultural Operations Qualifying as Farms by the 1959 Definition but Excluded by the 1974 Definition: 1974 and 1969—Continued**

FARM or FARMS in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, FARM DEFINITION)

FARM or FARMS in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, FARM DEFINITION)	Specified excluded agricultural operations, 1974					Farms with sales of under \$1,000, 1969			
	Total	By occupation and age of operator				Total	Class 6	Part time	Part retirement
		Occupation farming		Occupation other than farming					
		Under 65 years old	65 years old and over	Under 65 years old	65 years old and over				
SELECTED MACHINERY AND EQUIPMENT--Continued									
Cornpickers, corn heads, and picker-shellers.....farms..	1,708	330	226	1,054	98	16,511	2,566	11,169	2,776
number.....	1,828	388	241	1,095	104	17,211	2,730	11,591	2,890
Corn heads for combines.....farms..	349	132	50	149	18	(NA)	(NA)	(NA)	(NA)
number.....	368	146	50	153	19	(NA)	(NA)	(NA)	(NA)
Other cornpickers and picker-shellers.....farms..	1,413	227	181	923	82	(NA)	(NA)	(NA)	(NA)
number.....	1,460	242	191	942	85	(NA)	(NA)	(NA)	(NA)
Mower conditioners.....farms..	4,636	529	427	3,262	418	(NA)	(NA)	(NA)	(NA)
number.....	4,932	557	470	3,470	435	(NA)	(NA)	(NA)	(NA)
Pickup balers.....farms..	3,938	529	414	2,608	387	37,786	5,509	26,076	6,201
number.....	4,016	539	421	2,667	389	38,450	5,616	26,541	6,293
Windrowers, pull and self-propelled.....farms..	1,566	268	181	970	147	(NA)	(NA)	(NA)	(NA)
number.....	1,604	286	183	988	147	(NA)	(NA)	(NA)	(NA)
Field forage harvesters, shear bar or flywheel type.....farms..	706	97	58	499	52	(NA)	(NA)	(NA)	(NA)
number.....	778	109	64	545	60	(NA)	(NA)	(NA)	(NA)
Estimated market value of all machinery and equipment.....farms..	138,479	19,422	13,472	90,962	14,623	509,515	93,160	303,958	112,397
\$1,000..	940,418	145,753	97,043	601,369	96,253	1,517,508	286,438	942,932	288,138
Farms by value of machinery and equipment:									
\$1 to \$999.....	4,646	486	428	3,215	517	106,994	21,722	54,001	31,271
\$1,000 to \$4,999.....	40,421	4,704	3,591	27,784	4,342	322,895	56,522	199,062	67,311
\$5,000 to \$9,999.....	75,831	11,167	7,309	49,080	8,275	58,738	10,285	38,425	10,028
\$10,000 to \$19,999.....	14,999	2,511	1,824	9,353	1,311	15,599	3,301	9,465	2,833
\$20,000 to \$29,999.....	1,858	337	221	1,174	126				
\$30,000 to \$49,999.....	589	149	82	313	45	5,289	1,330	3,005	954
\$50,000 and over.....	135	68	17	43	7				
LIVESTOCK AND POULTRY									
Livestock and poultry inventory:									
Cattle and calves.....farms..	47,692	5,886	4,475	32,710	4,621	270,079	47,042	163,526	59,511
number.....	222,259	28,936	21,324	150,583	21,416	2,699,273	454,532	1,683,376	561,365
Cows and heifers that had calved.....farms..	31,160	3,913	3,061	21,304	2,882	187,887	33,558	112,133	42,196
number.....	108,251	14,189	10,546	73,900	9,616	1,079,027	190,207	660,159	228,661
Beef cows.....farms..	24,615	2,832	2,100	17,607	2,076	150,413	25,423	93,727	31,263
number.....	90,940	11,316	8,003	63,970	7,651	958,978	163,236	601,522	194,220
Milk cows.....farms..	9,841	1,464	1,217	6,079	1,081	58,077	12,330	29,696	16,051
number.....	17,311	2,873	2,543	9,930	1,965	120,049	26,971	58,637	34,441
Hogs and pigs.....farms..	10,921	1,712	1,108	7,171	930	75,778	16,324	43,494	15,960
number.....	42,329	7,386	4,402	27,211	3,330	596,280	121,012	365,459	109,809
Litters of pigs farrowed between Dec. 1, of preceding year and Nov. 30.....farms..	4,876	780	496	3,221	379	36,606	7,865	21,414	7,327
number.....	11,646	1,835	1,085	7,760	966	104,604	21,296	64,039	19,269
Sheep and lambs.....farms..	9,774	1,464	738	6,702	870	25,565	3,762	16,613	5,190
number.....	139,904	23,295	11,956	92,331	12,322	538,782	83,077	339,475	116,230
Horses and ponies.....farms..	31,052	2,762	1,583	24,763	1,944	116,323	16,858	82,853	16,612
number.....	115,435	10,602	4,768	93,733	6,332	354,178	48,554	263,078	42,546
Chickens 3 months old or older.....farms..	21,411	3,041	2,457	13,541	2,372	100,680	20,982	50,322	29,376
number.....	537,136	88,914	66,769	325,445	56,008	3,113,758	641,696	1,551,687	920,375
Hens and pullets of laying age.....farms..	19,817	2,844	2,309	12,435	2,229	92,822	19,325	46,166	27,331
number.....	465,837	79,808	60,326	275,653	50,050	2,633,458	542,609	1,285,757	805,092
Broilers and other meat-type chickens.....farms..	1,998	308	203	1,287	200	3,417	744	1,898	775
number.....	31,681	4,357	2,889	21,521	2,914	147,512	28,115	91,670	27,727
Other livestock and poultry.....farms..	14,570	1,595	1,042	10,882	1,051	52,141	10,455	29,686	12,000
Livestock and poultry sold:									
Cattle and calves.....farms..	25,952	3,417	2,739	17,240	2,556	193,881	33,457	117,373	43,051
number.....	78,529	10,771	9,064	50,568	8,126	799,727	138,651	482,665	178,411
Hogs and pigs.....farms..	7,942	1,231	704	5,434	573	43,279	8,492	26,343	8,644
number.....	80,145	12,834	7,532	53,674	6,105	573,708	110,795	357,769	105,144
Feeder pigs sold.....farms..	2,763	364	226	1,961	212	16,874	3,192	10,563	3,119
number.....	42,478	5,939	3,516	29,431	3,592	295,907	53,636	189,571	52,700
Sheep and lambs.....farms..	8,397	1,309	674	5,644	770	21,738	3,257	13,822	4,659
number.....	116,309	19,900	9,450	76,431	10,528	322,801	49,091	198,581	75,129
Horses and ponies.....farms..	9,282	763	304	7,835	380	14,748	1,878	11,454	1,416
number.....	19,039	1,720	673	15,898	748	28,524	3,634	22,095	2,795
Chickens 3 months old or older.....farms..	2,419	347	249	1,601	222	6,005	1,157	3,145	1,703
number.....	157,120	50,704	13,091	81,163	12,162	627,123	124,238	336,083	166,802
Hens and pullets of laying age.....farms..	2,126	310	232	1,380	204	4,918	984	2,427	1,507
number.....	142,755	47,862	12,191	71,568	11,134	496,438	104,966	249,204	142,268
Broilers and other meat-type chickens.....farms..	772	103	42	569	58	592	75	431	86
number.....	56,880	7,782	2,208	41,958	4,932	86,980	17,674	54,647	14,659
Other livestock and poultry.....farms..	6,225	600	276	4,945	404	(NA)	(NA)	(NA)	(NA)
CROPS HARVESTED									
Field corn for all purposes.....farms..	7,937	1,236	1,129	4,588	984	92,700	19,666	49,272	23,762
acres.....	16,504	2,643	2,317	9,522	2,022	616,669	134,194	337,488	144,987
For grain or seed.....farms..	7,604	1,188	1,085	4,380	951	88,098	18,715	46,491	22,892
acres.....	15,781	2,520	2,223	9,091	1,947	572,140	124,077	311,419	136,644
bushels.....	786,921	132,259	103,416	459,885	91,361	20,606,750	3,968,636	12,115,331	4,522,783
Cut for silage, green chop, or dry fodder, or hogged or grazed.....farms..	345	48	44	218	35	6,507	1,347	3,841	1,319
acres.....	723	123	94	431	75	44,529	10,117	26,069	8,343
Sorghums for all purposes, except sirup.....farms..	642	87	81	413	61	7,683	1,459	4,388	1,836
acres.....	2,472	362	266	1,623	221	85,194	16,844	49,215	19,135
For grain or seed.....farms..	330	61	53	180	36	3,187	684	1,743	760
acres.....	1,347	254	188	774	131	45,286	9,761	25,942	9,583
bushels.....	53,181	10,681	6,180	30,572	5,748	1,141,110	240,563	653,392	247,155
Cut for silage, green chop, dry forage or hay, or hogged or grazed.....farms..	314	26	30	233	25	4,690	805	2,741	1,144
acres.....	1,125	108	78	849	90	39,908	7,083	23,273	9,552

**Table 8. Characteristics of Agricultural Operations Qualifying as Farms by the 1959 Definition but Excluded by the 1974 Definition: 1974 and 1969—Continued**

FARM or FARMS in the data line captions below means agricultural operations qualifying as farms by 1959 definition but excluded by 1974 definition (see p. IX, FARM DEFINITION)

	Specified excluded agricultural operations, 1974					Farms with sales of under \$1,000, 1969			
	By occupation and age of operator								
	Occupation farming		Occupation other than farming						
	Total	Under 65 years old	65 years old and over	Under 65 years old	65 years old and over	Total	Class 6	Part time	Part retirement
CROPS HARVESTED--Con.									
Wheat for grain.....farms..	2,956	471	353	1,784	348	30,480	4,876	17,891	7,713
acres..	12,929	1,976	1,453	7,999	1,501	337,720	62,320	190,895	84,505
bushels..	336,631	52,033	40,635	205,909	38,054	7,760,450	1,312,851	4,510,174	1,937,425
Other small grains for grain.....farms..	1,800	244	222	1,163	171	27,917	4,124	17,533	6,260
acres..	9,543	1,408	1,247	5,924	964	280,037	46,438	172,853	60,746
Soybeans for beans.....farms..	3,841	838	390	2,282	331	33,304	5,926	20,213	7,165
acres..	13,458	2,844	1,335	8,204	1,075	353,101	61,907	218,555	72,639
bushels..	269,847	59,289	27,331	160,592	22,635	6,493,637	1,089,674	4,076,362	1,327,601
Hay and grass silage, excluding sorghum hay (see text).....farms..	21,545	1,989	2,226	14,714	2,616	151,104	22,685	93,111	35,308
acres..	125,315	11,662	12,891	84,926	15,836	1,796,120	266,587	1,115,414	414,119
tons..	188,771	17,685	19,708	128,327	23,051	2,398,105	339,396	1,523,623	535,086
Cotton.....farms..	1,221	377	241	506	97	(NA)	(NA)	(NA)	(NA)
acres..	3,544	1,117	725	1,415	287	(NA)	(NA)	(NA)	(NA)
bales..	2,473	754	522	1,003	194	(NA)	(NA)	(NA)	(NA)
Peanuts for nuts.....farms..	301	70	43	152	36	5,371	1,537	2,330	1,504
acres..	322	72	45	169	36	12,920	3,593	6,149	3,178
pounds..	516,093	150,059	59,995	254,128	51,911	10,083,430	2,709,950	4,974,856	2,308,624
Tobacco.....farms..	6,301	1,116	919	3,534	732	51,800	13,343	25,935	12,522
acres..	1,890	336	285	1,049	221	25,817	6,687	12,784	6,346
pounds..	3,463,373	613,801	528,450	1,907,202	413,920	44,596,772	11,588,189	22,005,886	11,002,697
Irish potatoes.....farms..	1,870	250	273	1,070	277	23,550	6,070	10,434	7,046
acres..	402	54	54	231	63	11,773	3,431	4,975	3,368
hundredweight..	38,065	5,236	5,238	21,337	6,254	(NA)	(NA)	(NA)	(NA)
Sweetpotatoes.....farms..	594	77	127	305	85	(NA)	(NA)	(NA)	(NA)
acres..	136	18	28	73	17	(NA)	(NA)	(NA)	(NA)
bushels..	15,546	2,148	2,854	8,741	1,803	(NA)	(NA)	(NA)	(NA)
Vegetables, sweet corn, or melons for sale.....farms..	2,687	315	388	1,681	303	17,008	3,629	8,617	4,762
acres..	1,572	189	234	973	178	29,672	6,131	15,578	7,963
Berries for sale.....farms..	979	107	183	557	132	5,689	900	3,155	1,634
acres..	409	38	69	241	62	4,746	779	2,755	1,212
Land in orchards.....farms..	2,733	197	256	1,934	346	32,603	4,818	20,474	7,311
acres..	1,575	111	130	1,111	224	125,083	17,990	81,114	25,980
All other crops.....farms..	2,104	274	265	1,266	299	(NA)	(NA)	(NA)	(NA)
acres..	215	35	35	118	27	42,970	24,892	24,897	10,319
Greenhouse products under glass or other protection.....farms..	992	103	93	643	153	980	212	541	227
square feet..	477,197	57,445	49,142	303,773	66,837	308,532	63,985	172,980	71,567

Table 9. Counties by Number of Farms: 1974

All Farms	Total	Under 10 farms	10 to 99 farms	100 to 199 farms	200 to 499 farms	500 to 999 farms	1,000 to 1,999 farms	2,000 to 2,999 farms	3,000 farms and over
United States.....	3,077	26	134	224	790	1,056	777	56	14
REGIONS									
Northeast.....	217	7	18	24	57	79	29	2	1
North Central.....	1,055	4	19	23	144	397	440	24	4
South.....	1,385	7	55	115	444	477	261	24	2
West.....	420	8	42	62	145	103	47	6	7
DIVISIONS									
New England.....	67	2	5	13	31	15	1	-	-
Middle Atlantic.....	150	5	13	11	26	64	28	2	1
East North Central.....	437	3	13	11	55	134	202	17	2
West North Central.....	618	1	6	12	89	263	238	7	2
South Atlantic.....	551	6	28	75	239	133	60	9	1
East South Central.....	364	-	8	9	69	176	92	9	1
West South Central.....	470	1	19	31	136	168	109	6	-
Mountain.....	278	5	31	48	111	69	12	1	1
Pacific.....	142	3	11	14	34	34	35	5	6
NEW ENGLAND									
Maine.....	16	-	1	3	9	2	1	-	-
New Hampshire.....	10	-	-	4	6	-	-	-	-
Vermont.....	14	-	1	2	5	6	-	-	-
Massachusetts.....	14	2	1	2	5	4	-	-	-
Rhode Island.....	5	-	2	2	1	-	-	-	-
Connecticut.....	8	-	-	-	5	3	-	-	-
MIDDLE ATLANTIC									
New York.....	62	4	5	3	7	28	14	1	-
New Jersey.....	21	1	4	3	6	7	-	-	-
Pennsylvania.....	67	-	4	5	13	29	14	1	1
EAST NORTH CENTRAL									
Ohio.....	88	-	-	-	8	31	48	1	-
Indiana.....	92	-	-	1	7	40	44	-	-
Illinois.....	102	-	-	-	10	40	47	5	-
Michigan.....	83	2	11	7	22	9	27	5	-
Wisconsin.....	72	1	2	3	8	14	36	6	2
WEST NORTH CENTRAL									
Minnesota.....	87	1	2	-	5	31	42	4	2
Iowa.....	99	-	-	-	-	24	72	3	-
Missouri.....	114	-	-	1	9	52	52	-	-
North Dakota.....	53	-	-	-	9	29	15	-	-
South Dakota.....	67	-	-	5	24	28	10	-	-
Nebraska.....	93	-	4	5	19	41	24	-	-
Kansas.....	105	-	-	1	23	58	23	-	-
SOUTH ATLANTIC									
Delaware.....	3	-	-	-	1	1	1	-	-
Maryland.....	23	-	-	1	7	13	2	-	-
Virginia.....	98	1	4	17	43	20	11	2	-
West Virginia.....	55	2	7	8	30	8	-	-	-
North Carolina.....	100	1	1	5	26	28	34	4	1
South Carolina.....	46	-	-	2	20	18	5	1	-
Georgia.....	159	-	10	36	79	32	2	-	-
Florida.....	67	2	6	6	33	13	5	2	-
EAST SOUTH CENTRAL									
Kentucky.....	120	-	8	3	18	54	34	3	-
Tennessee.....	95	-	-	2	16	35	38	3	1
Alabama.....	67	-	-	-	13	37	14	3	-
Mississippi.....	82	-	-	4	22	50	6	-	-
WEST SOUTH CENTRAL									
Arkansas.....	75	-	-	1	27	35	10	2	-
Louisiana.....	64	1	4	7	26	17	9	-	-
Oklahoma.....	77	-	-	-	5	46	26	-	-
Texas.....	254	-	15	23	78	70	64	4	-
MOUNTAIN									
Montana.....	56	-	4	9	24	17	2	-	-
Idaho.....	44	-	5	3	17	15	3	1	-
Wyoming.....	23	-	1	3	14	5	-	-	-
Colorado.....	63	3	11	9	21	15	3	-	1
New Mexico.....	32	1	-	7	16	8	-	-	-
Arizona.....	14	-	-	5	5	3	1	-	-
Utah.....	29	-	2	7	11	6	3	-	-
Nevada.....	17	1	8	5	3	-	-	-	-
PACIFIC									
Washington.....	39	-	2	5	10	11	10	-	1
Oregon.....	36	-	1	3	15	6	9	2	-
California.....	58	2	5	5	7	16	15	3	5
Alaska.....	5	1	3	1	-	-	-	-	-
Hawaii.....	4	-	-	-	2	1	1	-	-

**Table 10. Number and Percent of All Farms Adjusted for Nonresponse for Selected Items: 1974**

	Farms		Land in farms		Value of farm products sold		Harvested cropland		Inventory					
									Cattle and calves		Chickens 3 months old or older		Hogs and pigs	
	Total	Percent of total	Acres (1,000)	Percent of total	Value (\$1,000)	Percent of total	Acres (1,000)	Percent of total	Number (1,000)	Percent of total	Number (1,000)	Percent of total	Number (1,000)	Percent of total
United States.....	284,426	12.3	60,036	5.9	3,205,222	4.1	18,884	6.2	8,037	7.1	5,896	1.8	2,525	5.5
REGIONS														
Northeast.....	13,006	10.2	1,777	7.6	167,762	4.3	663	6.6	283	6.5	462	1.0	44	6.2
North Central.....	108,413	10.6	25,872	7.1	1,686,928	4.6	12,035	6.6	3,158	6.8	2,095	2.5	1,780	4.9
South.....	138,380	14.9	23,459	7.7	1,084,425	4.7	4,681	6.6	3,776	9.3	3,173	2.2	643	8.4
West.....	24,627	10.4	8,928	2.8	266,107	1.6	1,505	3.7	820	3.9	166	0.3	58	5.1
DIVISIONS														
New England.....	2,423	10.4	365	7.6	32,893	3.5	94	6.6	44	5.9	130	0.7	4	5.9
Middle Atlantic.....	10,583	10.1	1,412	7.6	134,869	4.5	569	6.6	239	6.6	332	1.3	40	6.2
East North Central.....	44,412	9.9	6,219	6.9	598,248	4.6	3,422	5.9	815	6.7	911	1.9	544	4.4
West North Central.....	64,001	11.2	19,653	7.2	1,088,680	4.7	8,613	7.0	2,343	6.7	1,184	3.2	1,236	5.2
South Atlantic.....	43,456	14.7	5,329	8.7	428,853	5.3	1,353	7.7	709	8.2	1,371	1.9	333	8.5
East South Central.....	50,506	16.5	6,551	12.2	323,921	7.3	1,279	8.5	1,338	13.0	1,130	3.3	235	9.8
West South Central.....	44,418	13.5	11,579	6.1	331,651	3.3	2,049	5.3	1,729	7.9	672	1.7	75	5.6
Mountain.....	12,275	11.0	7,018	2.8	155,995	2.3	1,136	4.7	576	4.1	81	1.0	42	5.1
Pacific.....	12,352	10.0	1,910	2.8	110,112	1.1	369	2.2	244	3.4	85	0.2	16	5.2
NEW ENGLAND														
Maine.....	650	10.1	118	7.7	9,999	2.8	30	6.7	9	6.9	21	0.2	1	15.9
New Hampshire.....	250	10.4	42	8.4	2,459	3.4	8	7.2	4	5.8	7	0.5	1	13.4
Vermont.....	503	8.5	112	6.7	8,376	4.0	29	5.7	17	5.1	6	0.7	(2)	6.7
Massachusetts.....	538	12.0	50	8.3	5,734	3.2	14	7.5	7	6.4	20	1.0	2	3.5
Rhode Island.....	86	14.3	6	9.8	1,439	6.5	2	9.2	1	11.8	9	3.0	(2)	1.1
Connecticut.....	396	11.6	37	8.5	4,886	2.6	11	7.0	6	5.7	67	1.4	(2)	5.2
MIDDLE ATLANTIC														
New York.....	4,211	9.6	658	7.0	59,045	4.0	255	6.1	107	6.1	81	0.9	8	8.6
New Jersey.....	1,121	15.1	86	9.0	11,649	3.9	39	7.2	9	8.1	36	1.6	2	3.3
Pennsylvania.....	5,251	9.9	668	8.2	64,175	4.3	275	7.1	123	7.0	215	1.5	30	6.1
EAST NORTH CENTRAL														
Ohio.....	9,273	10.1	1,193	7.6	110,400	4.9	633	6.5	137	7.2	225	2.1	94	5.2
Indiana.....	8,409	9.6	1,005	6.0	100,991	3.9	569	5.1	113	6.2	201	1.2	137	4.1
Illinois.....	10,746	9.7	1,720	5.9	182,628	3.9	1,097	5.1	169	5.8	172	2.1	217	4.1
Michigan.....	8,090	12.6	1,022	9.4	81,703	5.5	520	8.2	114	8.0	194	2.5	37	5.9
Wisconsin.....	7,894	8.8	1,279	7.3	122,526	5.2	603	6.5	282	6.7	119	2.7	59	4.8
WEST NORTH CENTRAL														
Minnesota.....	15,556	15.8	3,299	11.9	283,871	8.2	1,885	10.5	449	12.2	367	3.8	271	9.0
Iowa.....	10,269	8.1	1,773	5.4	217,865	3.4	1,072	4.6	316	4.8	251	2.6	447	3.9
Missouri.....	14,002	12.1	2,677	9.0	133,629	5.8	872	7.4	478	9.0	156	2.0	179	6.2
North Dakota.....	5,636	13.2	4,082	9.6	128,554	7.1	1,762	9.2	258	10.8	71	9.6	29	8.3
South Dakota.....	4,301	10.0	2,633	5.7	81,795	4.9	968	6.5	274	6.1	147	5.1	90	5.7
Nebraska.....	5,967	8.8	2,187	4.7	111,868	3.0	852	5.2	261	4.2	115	3.1	141	5.1
Kansas.....	8,270	10.4	3,002	6.3	131,098	3.6	1,202	6.1	307	5.5	77	2.8	79	5.2
SOUTH ATLANTIC														
Delaware.....	306	9.0	30	4.7	5,911	2.4	20	4.4	2	5.6	20	2.9	1	1.7
Maryland.....	1,310	8.6	153	5.8	19,365	3.1	64	4.5	20	5.2	38	2.2	7	4.9
Virginia.....	5,908	11.2	759	7.8	39,981	4.2	149	6.1	122	7.2	124	2.4	26	5.2
West Virginia.....	1,869	11.1	323	9.2	6,337	4.8	43	8.4	42	8.5	33	4.8	3	7.1
North Carolina.....	14,142	15.5	1,219	10.8	161,114	7.6	398	9.8	104	10.2	345	2.2	112	7.9
South Carolina.....	6,464	22.1	837	13.6	59,517	8.8	249	11.1	81	13.7	93	1.5	48	14.0
Georgia.....	8,840	16.1	1,376	9.9	99,849	5.4	330	7.9	212	10.5	556	2.2	116	9.4
Florida.....	4,617	14.2	632	4.8	36,779	1.9	100	4.3	126	5.3	162	1.1	20	10.3
EAST SOUTH CENTRAL														
Kentucky.....	14,885	14.6	1,707	11.8	109,646	8.8	352	9.5	339	11.2	139	4.9	73	8.1
Tennessee.....	13,964	14.9	1,563	11.9	72,593	7.8	329	8.8	336	12.2	101	2.1	71	10.2
Alabama.....	11,296	19.9	1,653	13.9	82,112	7.3	307	11.0	322	14.6	610	4.0	68	11.9
Mississippi.....	10,361	19.3	1,628	11.4	59,570	4.8	291	6.1	341	15.0	280	2.4	23	9.7
WEST SOUTH CENTRAL														
Arkansas.....	6,725	13.2	1,127	7.7	60,608	3.2	277	4.2	207	10.6	298	1.6	15	6.4
Louisiana.....	6,281	18.9	818	9.0	52,349	4.4	220	6.1	195	12.8	109	3.0	8	11.4
Oklahoma.....	9,035	13.0	2,619	7.9	76,176	4.8	617	6.9	400	8.1	94	4.0	15	6.6
Texas.....	22,377	12.9	7,015	5.2	142,518	2.5	935	4.9	927	6.9	171	1.2	37	4.6
MOUNTAIN														
Montana.....	2,249	9.6	2,190	3.5	37,671	3.6	403	4.8	141	4.4	17	1.8	10	4.6
Idaho.....	2,523	10.7	565	4.0	36,512	2.6	204	4.5	108	5.6	14	1.3	6	7.3
Wyoming.....	706	8.8	701	2.0	9,378	2.6	72	4.3	51	3.2	6	5.7	3	11.4
Colorado.....	2,461	9.7	1,467	4.1	33,814	1.7	270	4.5	107	3.4	21	0.9	14	4.7
New Mexico.....	1,415	12.5	1,128	2.4	10,329	2.0	44	4.5	53	3.4	9	0.9	3	5.2
Arizona.....	798	13.8	296	0.8	7,186	0.7	17	1.6	26	2.1	4	0.5	2	1.9
Utah.....	1,816	14.9	555	5.2	17,247	5.1	102	9.4	68	8.1	7	0.3	3	8.0
Nevada.....	307	14.8	116	1.1	3,858	2.9	24	4.4	22	3.5	3	9.6	1	10.3
PACIFIC														
Washington.....	2,732	9.3	480	2.9	26,837	1.6	121	2.4	56	4.6	11	0.2	4	5.8
Oregon.....	2,794	10.4	547	3.0	20,979	2.0	101	3.1	70	4.5	18	0.7	4	4.1
California.....	6,826	10.1	883	2.6	62,296	0.8	147	1.8	118	2.7	56	0.1	8	5.7
Alaska <sup>1</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hawaii <sup>1</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)

<sup>1</sup>Extension followup procedures eliminated the need for a nonresponse adjustment procedure.



Table 11. Estimates of the Reliability of Published Totals for Selected Items: 1974

All Farms	Land in farms		Value of land and buildings		Harvested cropland		Value of crops sold		Value of livestock and poultry sold	
	Acres	Standard error (percent)	Value (\$1,000)	Standard error (percent)	Acres	Standard error (percent)	Value (\$1,000)	Standard error (percent)	Value (\$1,000)	Standard error (percent)
United States.....	1,017,030,357	0.04	342,098,790	0.04	303,001,943	0.04	40,080,911	0.04	39,508,750	0.03
REGIONS										
Northeast.....	23,359,058	.18	15,460,137	.20	10,033,963	.17	1,094,639	.15	2,832,530	.15
North Central.....	362,939,357	.08	150,977,841	.06	181,079,273	.06	18,029,791	.06	17,912,530	.04
South.....	305,669,999	.05	110,361,986	.05	70,945,409	.04	11,408,862	.03	11,383,130	.03
West.....	325,061,943	.08	65,298,827	.10	40,943,298	.12	9,547,619	.06	7,380,560	.04
DIVISIONS										
New England.....	4,800,579	.27	2,915,092	.36	1,451,485	.22	255,697	.20	680,710	.14
Middle Atlantic.....	18,558,479	.21	12,545,045	.23	8,582,478	.20	838,942	.18	2,151,820	.19
East North Central.....	90,005,300	.09	61,406,134	.09	58,090,362	.08	7,098,342	.10	5,966,427	.09
West North Central.....	272,934,057	.10	89,571,707	.08	122,988,911	.08	10,931,450	.07	11,946,103	.05
South Atlantic.....	60,938,529	.08	34,986,851	.09	17,640,094	.06	4,447,602	.06	3,707,132	.05
East South Central.....	53,688,381	.09	22,006,367	.09	15,034,023	.08	2,248,577	.08	2,184,613	.08
West South Central.....	191,043,089	.07	53,368,768	.08	38,271,292	.06	4,712,682	.05	5,491,385	.03
Mountain.....	253,020,931	.10	32,028,180	.15	24,308,164	.19	2,964,397	.14	3,785,489	.08
Pacific.....	72,041,012	.12	33,270,647	.14	16,635,134	.12	6,583,222	.07	3,595,071	.04
NEW ENGLAND										
Maine.....	1,523,696	.5	519,105	.5	449,901	.4	128,300	.3	224,145	.2
New Hampshire.....	506,464	1.1	285,631	1.8	118,186	.9	11,237	.8	53,761	.5
Vermont.....	1,667,561	.4	769,779	.6	514,804	.4	14,263	.9	189,336	.3
Massachusetts.....	601,734	.7	578,024	.8	188,015	.7	49,390	.4	92,464	.4
Rhode Island.....	61,068	1.6	91,574	1.9	21,422	1.0	5,124	1.4	10,074	1.1
Connecticut.....	440,056	.9	670,979	.9	159,157	.6	47,383	.4	110,929	.4
MIDDLE ATLANTIC										
New York.....	9,410,706	.3	4,799,970	.4	4,156,266	.3	375,508	.3	1,012,143	.3
New Jersey.....	961,395	.2	1,737,179	.3	540,828	.2	153,566	.2	90,941	.3
Pennsylvania.....	8,186,378	.3	6,007,896	.3	3,885,384	.3	309,868	.3	1,048,737	.2
EAST NORTH CENTRAL										
Ohio.....	15,668,238	.3	11,055,607	.2	9,680,470	.2	1,217,805	.3	938,108	.3
Indiana.....	16,785,208	.2	12,078,243	.2	11,234,214	.2	1,543,910	.3	1,033,709	.3
Illinois.....	29,094,794	.1	24,627,800	.2	21,517,665	.1	3,124,207	.1	1,469,611	.2
Michigan.....	10,832,234	.1	5,988,653	.1	6,317,638	.1	758,355	.1	657,721	.2
Wisconsin.....	17,624,826	.2	7,655,831	.2	9,340,375	.2	454,064	.3	1,867,277	.2
WEST NORTH CENTRAL										
Minnesota.....	27,605,228	.1	11,855,130	.1	17,896,490	.1	1,731,372	.1	1,710,584	.1
Iowa.....	33,044,768	.1	23,754,205	.1	23,085,329	.1	2,777,740	.1	3,517,658	.1
Missouri.....	29,801,127	.1	11,811,108	.1	11,764,849	.1	1,044,372	.1	1,237,757	.1
North Dakota.....	42,387,424	.3	8,267,540	.3	19,207,401	.3	1,436,665	.3	364,496	.3
South Dakota.....	45,977,776	.4	6,655,652	.5	14,854,873	.4	595,600	.4	1,061,683	.1
Nebraska.....	46,172,012	.2	13,017,447	.2	16,309,434	.2	1,561,791	.2	2,166,946	.1
Kansas.....	47,945,722	.2	14,210,626	.2	19,870,535	.2	1,783,910	.2	1,886,980	.1
SOUTH ATLANTIC										
Delaware.....	630,605	.2	612,077	.3	451,752	.3	87,882	.3	156,816	.2
Maryland.....	2,634,395	.3	2,791,190	.3	1,438,842	.2	232,853	.3	362,976	.2
Virginia.....	9,678,307	.2	5,395,765	.2	2,446,897	.2	417,800	.2	514,246	.1
West Virginia.....	3,496,606	.1	1,049,946	.2	511,182	.2	29,830	.6	96,588	.2
North Carolina.....	11,243,933	.2	6,633,538	.2	4,075,221	.1	1,276,068	.1	804,396	.1
South Carolina.....	6,177,024	.4	2,886,776	.3	2,250,952	.2	453,831	.2	206,582	.2
Georgia.....	13,878,294	.2	6,576,447	.2	4,161,205	.1	823,487	.1	976,488	.1
Florida.....	13,199,365	.2	9,041,111	.2	2,304,043	.1	1,125,850	.1	588,771	.1
EAST SOUTH CENTRAL										
Kentucky.....	14,431,713	.1	6,158,243	.2	3,700,920	.1	719,748	.1	517,076	.2
Tennessee.....	13,103,224	.1	6,116,702	.2	3,746,117	.2	433,426	.2	471,163	.2
Alabama.....	11,852,946	.3	4,310,324	.2	2,793,621	.2	384,703	.2	699,388	.2
Mississippi.....	14,300,498	.2	5,421,098	.2	4,793,365	.1	710,700	.1	496,986	.2
WEST SOUTH CENTRAL										
Arkansas.....	14,641,677	.1	6,134,552	.2	6,639,182	.1	1,023,003	.1	847,135	.1
Louisiana.....	9,133,275	.2	4,678,672	.3	3,628,199	.2	919,402	.1	260,305	.2
Oklahoma.....	33,082,848	.1	9,992,158	.1	8,989,832	.1	651,882	.1	923,879	.1
Texas.....	134,185,289	.1	32,563,386	.1	19,014,079	.1	2,118,395	.1	3,460,066	.1
MOUNTAIN										
Montana.....	62,158,351	.2	6,952,194	.3	8,426,881	.4	548,412	.4	480,277	.3
Idaho.....	14,274,258	.5	4,832,873	.4	4,531,164	.4	869,730	.3	502,917	.3
Wyoming.....	34,271,918	.2	2,750,681	.4	1,680,679	.4	121,783	.5	238,623	.3
Colorado.....	35,902,165	.3	6,733,933	.4	5,956,865	.4	644,706	.4	1,287,162	.1
New Mexico.....	47,046,388	.2	3,648,798	.3	975,507	1.0	154,999	.5	362,853	.1
Arizona.....	37,944,191	.1	4,196,552	.2	1,096,525	.3	492,614	.2	580,247	.1
Utah.....	10,610,050	.9	1,998,036	1.0	1,089,243	.7	88,794	.8	243,622	.4
Nevada.....	10,813,610	.1	915,114	.3	551,300	.3	43,359	.4	89,788	.2
PACIFIC										
Washington.....	16,661,902	.2	5,827,705	.1	4,946,306	.1	1,118,693	.1	496,131	.1
Oregon.....	18,241,445	.2	4,551,880	.2	3,213,399	.2	603,223	.1	360,480	.1
California.....	33,385,619	.2	21,793,302	.2	8,307,246	.2	4,331,714	.1	2,661,396	.1
Alaska.....	1,633,070	.0	69,240	.0	16,750	.0	2,343	.0	3,827	.0
Hawaii.....	2,118,976	.0	1,028,520	.0	151,433	.0	527,250	.0	73,237	.0

Table 11. Estimates of the Reliability of Published Totals for Selected Items: 1974-Continued

All Farms	Cattle and calves on farms		Chickens 3 months old and older on farms		Hogs and pigs on farms		Corn harvested for all purposes		Hay harvested	
	Number	Standard error (percent)	Number	Standard error (percent)	Number	Standard error (percent)	Acres	Standard error (percent)	Acres	Standard error (percent)
United States.....	113,174,700	0.04	335,740,245	0.08	45,503,604	0.09	72,330,443	0.05	56,236,381	0.08
REGIONS										
Northeast.....	4,377,969	.19	45,130,637	.23	723,876	.60	2,811,325	.22	4,877,237	.22
North Central.....	46,625,558	.07	84,711,221	.21	35,920,079	.10	58,630,097	.06	30,120,028	.12
South.....	40,666,316	.05	144,105,819	.13	7,698,470	.13	9,210,570	.07	10,605,116	.08
West.....	21,504,857	.13	61,792,568	.03	1,161,179	.47	1,678,451	.32	10,634,000	.24
DIVISIONS										
New England.....	756,060	.24	19,163,894	.14	75,613	.79	249,815	.33	933,796	.30
Middle Atlantic.....	3,621,909	.23	25,966,743	.38	648,263	.67	2,561,510	.24	3,943,441	.26
East North Central.....	12,272,297	.11	47,217,096	.35	12,349,174	.19	24,512,808	.09	8,784,841	.12
West North Central.....	34,353,261	.08	37,494,125	.18	23,570,905	.12	34,117,289	.08	21,335,187	.17
South Atlantic.....	8,611,211	.10	70,082,937	.18	3,943,033	.18	5,647,477	.09	2,445,783	.13
East South Central.....	10,258,436	.09	34,697,260	.34	2,407,819	.25	2,477,467	.13	3,425,813	.13
West South Central.....	21,796,669	.07	39,325,622	.19	1,347,618	.25	1,085,626	.20	4,733,520	.13
Mountain.....	14,060,130	.17	8,344,985	.11	815,554	.65	1,212,740	.41	7,349,129	.32
Pacific.....	7,444,727	.19	53,447,583	.03	345,625	.42	465,711	.42	3,284,871	.33
NEW ENGLAND										
Maine.....	137,366	.6	9,861,717	.1	6,480	4.9	42,451	.9	209,869	.8
New Hampshire.....	69,198	.9	1,311,754	.2	8,899	3.6	21,469	1.2	89,472	1.0
Vermont.....	331,990	.3	826,674	.2	4,455	1.7	94,412	.5	431,888	.4
Massachusetts.....	103,938	.7	1,956,434	.8	43,229	.7	37,409	.8	110,327	1.1
Rhode Island.....	11,200	1.8	283,254	1.3	5,029	.5	3,312	2.2	8,689	2.2
Connecticut.....	102,368	.7	4,924,061	.4	7,521	2.7	50,762	.8	83,551	.9
MIDDLE ATLANTIC										
New York.....	1,752,533	.4	9,440,681	.6	92,325	2.2	1,063,841	.4	2,212,967	.4
New Jersey.....	106,899	.4	2,248,544	.3	63,193	.6	111,037	.4	117,185	.5
Pennsylvania.....	1,762,477	.3	14,277,518	.6	492,745	.8	1,386,632	.3	1,613,289	.3
EAST NORTH CENTRAL										
Ohio.....	1,898,573	.4	10,653,989	.9	1,810,284	.5	3,421,942	.3	1,260,726	.4
Indiana.....	1,826,638	.4	16,199,315	.7	3,350,529	.4	5,311,243	.2	852,504	.5
Illinois.....	2,898,721	.2	8,356,723	.3	5,327,643	.3	9,950,090	.1	1,206,426	.3
Michigan.....	1,430,262	.2	7,609,220	.5	619,910	.4	2,378,301	.2	1,359,191	.2
Wisconsin.....	4,218,103	.2	4,397,849	.9	1,240,808	.5	3,451,232	.2	4,105,994	.2
WEST NORTH CENTRAL										
Minnesota.....	3,665,505	.1	9,751,990	.3	2,991,801	.2	6,050,574	.1	2,772,029	.2
Iowa.....	6,658,298	.1	9,816,088	.4	11,476,589	.2	12,706,571	.1	2,259,243	.2
Missouri.....	5,297,947	.1	7,917,604	.3	2,911,525	.2	2,817,492	.1	2,938,842	.2
North Dakota.....	2,403,690	.4	739,329	.9	352,017	.7	495,926	.5	3,494,228	.2
South Dakota.....	4,522,597	.4	2,880,121	.7	1,578,264	.8	3,634,336	.4	4,349,478	.6
Nebraska.....	6,214,596	.2	3,660,561	.3	2,740,440	.5	6,436,708	.2	3,455,199	.3
Kansas.....	5,590,628	.2	2,728,432	1.1	1,520,269	.6	1,975,682	.3	2,066,168	.4
SOUTH ATLANTIC										
Delaware.....	30,615	.8	701,871	.7	42,955	.4	158,655	.3	17,851	1.3
Maryland.....	380,160	.4	1,686,307	.8	150,608	.9	618,882	.2	234,233	.4
Virginia.....	1,703,583	.2	5,131,750	.6	502,033	.3	750,147	.2	787,434	.2
West Virginia.....	495,460	.2	696,046	1.3	47,866	.8	91,564	.4	372,000	.2
North Carolina.....	1,021,554	.2	15,670,429	.5	1,414,751	.4	1,455,265	.2	331,539	.3
South Carolina.....	589,827	.4	6,203,860	.4	345,282	.7	494,094	.3	157,401	.6
Georgia.....	2,022,904	.2	25,591,146	.3	1,243,255	.3	1,756,008	.2	360,502	.4
Florida.....	2,367,108	.2	14,401,528	.2	196,283	.7	322,862	.5	184,823	.5
EAST SOUTH CENTRAL										
Kentucky.....	3,033,010	.2	2,809,549	1.7	898,166	.4	1,130,086	.2	1,308,729	.2
Tennessee.....	2,751,114	.2	4,832,565	.2	701,629	.4	559,408	.2	1,052,796	.2
Alabama.....	2,204,135	.2	15,314,470	.6	568,586	.6	609,810	.3	498,030	.3
Mississippi.....	2,270,177	.2	11,740,676	.4	239,438	.7	178,163	.5	566,258	.3
WEST SOUTH CENTRAL										
Arkansas.....	1,959,725	.2	19,160,812	.3	238,505	.6	29,183	2.2	717,557	.3
Louisiana.....	1,515,509	.3	3,657,907	.8	72,365	1.1	54,468	.6	328,109	.4
Oklahoma.....	4,943,568	.1	2,351,832	1.0	225,189	.5	128,562	.6	1,337,133	.3
Texas.....	13,377,867	.1	14,155,071	.3	811,559	.3	873,413	.2	2,350,721	.2
MOUNTAIN										
Montana.....	3,211,584	.4	980,156	.3	212,456	1.0	87,670	.7	2,158,312	.9
Idaho.....	1,917,279	.7	1,098,055	.3	79,302	3.9	114,416	1.5	1,323,140	.6
Wyoming.....	1,599,108	.3	99,232	1.0	28,565	5.0	85,303	.7	1,051,305	.3
Colorado.....	3,087,884	.4	2,253,086	.3	291,342	1.1	762,422	.6	1,345,920	.7
New Mexico.....	1,552,803	.2	976,613	.4	54,184	1.0	65,632	.9	254,594	.6
Arizona.....	1,217,769	.1	800,981	.3	101,922	.4	21,177	.9	194,280	.4
Utah.....	839,849	.7	2,109,377	.1	37,295	2.1	73,322	1.4	550,926	.9
Nevada.....	633,854	.2	27,485	.9	10,488	6.4	2,788	.7	470,652	.4
PACIFIC										
Washington.....	1,222,893	.2	4,784,634	.1	64,694	1.0	71,533	1.1	741,981	.3
Oregon.....	1,559,319	.3	2,520,001	.2	94,933	.8	38,758	.5	980,967	.4
California.....	4,425,359	.3	44,808,323	.1	133,815	.8	354,228	.5	1,545,144	.6
Alaska.....	9,695	.0	29,176	.0	1,162	.0	-	.0	14,528	.0
Hawaii.....	227,461	.0	1,305,449	.0	51,021	.0	1,192	.0	2,251	.0

# APPENDIX C. Report Forms

FORM 74-A1 (10-1-74)

O.M.B. No. 41-S74085: Approval Expires December 31, 1975

U.S. DEPT. OF COMM.—SESA  
BUREAU OF THE CENSUS

## 1974 CENSUS OF AGRICULTURE

**PLEASE** remove the envelope and Instruction Sheet from the center of this booklet and . . . **KEEP THEM HANDY.**

**IT'S EASIER THAN IT LOOKS** to fill out this report. Many items can be answered by marking a "Yes" or "No" box. There are whole sections which may not apply to your operation—for these, just mark the NO box and go to the next section as instructed.

**EXPLANATIONS AND INSTRUCTIONS** are provided all through the form with more detail in the Instruction Sheet you have removed from the center of this report. Use them — **they will help.**

### *A Message from the Director of the Bureau of the Census...*

January 2, 1975

Dear Friend:

It's time for the 1974 Census of Agriculture, and we need your help.

Please fill out this report and return it in the envelope provided.

This is a most important census. Many changes have occurred in agriculture since 1969 when the last census was taken. It is important to you that these changes be measured and understood by other farmers and ranchers as well as by those who serve you and them.

Your answers are needed and are **COMPLETELY CONFIDENTIAL**, as spelled out in the Notice at the right of this letter.

Please fill out your report and send it back right away. We'll appreciate it very much.

Sincerely,



VINCENT P. BARABBA  
Director  
Bureau of the Census

**NOTICE** — Response to this inquiry is required by law (Title 13, U.S. Code). By the same law **YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL**. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report **CANNOT** be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

**NOTE:** If you correspond with us regarding your report, please use the **Census File Number** shown in the address block on the booklet cover.

**Complete this report  
and RETURN TO**



**BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, Indiana 47130**

### Section 1 Did you receive more than one report form?

☐ YES — See separate Instructions

☐ NO — Go to Section 2

Enter extra file  
number(s) here


### Section 2 FARMING, RANCHING, OR OTHER AGRICULTURAL ACTIVITIES IN 1974

YES NO

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**Section 3 ACREAGE in 1974 and LAND VALUE**

*Include all cropland, pastureland, rangeland, woodland, wasteland, idle land, house lots, etc.*

1. ALL land owned . . . . . ☐ None
2. ALL land rented or leased FROM OTHERS, including land worked on shares; leased Federal, State, and railroad land; and land used rent free. (Do NOT include land used on a per-head basis under a grazing permit.) . . . ☐
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased . . . . . ☐
4. **TOTAL ACRES IN "THIS PLACE"** ① (Please ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented to others (item 3), and enter your answer in this space.) 
- ① "THIS PLACE" means your farm or ranch, feedlots, poultry houses, greenhouses, and/or any other agricultural operations.

Number of acres	Your estimate of the current market value of these acres and the buildings on them	
	Dollars	Cents
040	1 \$	
050	1 \$	
060	1 \$	
070	These are the ACRES in "THIS PLACE" ① for this census report	

5. If you rented land FROM OTHERS (item 2 above), please enter the following information for each landlord.

Name	Address (No. and street, city, State, ZIP code)	Number of acres	Rental arrangements in 1974 Mark (X) all that apply			
			Share of crops	Share of livestock or products	Cash as rent	Other arrangements
		081	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		082	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		083	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

List additional landlords on back cover.

6. If you rented land TO OTHERS (item 3 above), please enter the following information for each renter.

Name	Address (No. and street, city, State, ZIP code)	No. of acres
		085
		086
		087

List additional renters on back cover.

7. Of the land you rented or leased from others (item 2 above), how many acres did you subrent or sublease to others? (Include land rented or leased by you which was worked on shares by others.) . . . . . ☐ None

Number of acres	Current market value
088	1 \$

**PLEASE READ**

You may be able to skip most of this form if —

- a. All the land you owned or rented was worked on shares or rented to someone else.  
 b. There were no crops or livestock in 1974 on the acres in "THIS PLACE" (item 4 above).  
 c. The land you operated prior to 1974 has been sold to someone else.

If a, b, or c apply to your operation, please read the Instructions before continuing with this report.

**Section 4 LOCATION OF AGRICULTURAL ACTIVITY**

1. In what county was the largest value of your agricultural products raised or produced? (Enter county name, State, and number of acres on the "Principal county" line. If you have agricultural operations in any other county(ies), enter the county name(s), etc., on the lines provided for "Other counties.") . . . . .

	County name	State	No. of acres
Principal county			091
Other counties			092
			093
			094

2. Location of place within principal county entered above. (Give name of township, district, precinct, etc., or Township — Range numbers.) . . . . .

Name of location
------------------

015	014	013	012	011	010
CENSUS USE ONLY					

READ AND ANSWER  
THIS QUESTION  
THEN FOLLOW THE  
INSTRUCTIONS

During 1974 did you produce any crops; cut any hay; have any nursery or greenhouse products or specialty crops; or have any land in orchards, groves, or vineyards?

☐ YES — Go to Section 5 below  
☐ NO — Skip to page 8 and COMPLETE Section 17

Section 5 Was any FIELD CORN harvested for any purpose from this place in 1974?

- ☐ YES — Complete this section
- ☐ NO — Go to Section 6
- Report sweet corn in Section 12 and popcorn in Section 16 when you reach those sections.

1. Field corn for grain or seed (Report quantity of shelled corn harvested in either bushels or hundredweight. 70 lbs. ear corn or 56 lbs. shelled corn = 1 bushel shelled corn) . . . . .
2. Field corn for silage or green chop . . . . .
3. Field corn cut for dry fodder, hogged or grazed (Do not include acres already reported in items 1 or 2.) . . . . .

Acres harvested	Quantity harvested		Acres irrigated	
101	1	Bushels shelled	2	
	6	Hundredweight shelled		
102	1	Tons, green weight	2	
103			2	
Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
109	1	/10	2	/10

4. Commercial fertilizer used on field corn . . . . .

Section 6 Were any SORGHUMS or MILO harvested from this place in 1974?  
(Include both grain and sweet varieties. Do not report sorghum-sudan crosses in this section.)

- ☐ YES — Complete this section
- ☐ NO — Go to Section 7
- Report sorghum-sudan crosses for hay in Section 10 and sorghum for sirup in Section 16 when you reach those sections.

1. Sorghums (milo) for grain or seed (Report quantity harvested in either bushels or pounds.) . . . . .
2. Sorghums for silage or green chop . . . . .
3. Sorghums cut for dry forage or hay . . . . .
4. Sorghums hogged or grazed (Do not include acres already reported in items 1, 2, or 3.) . . . . .

Acres harvested	Quantity harvested		Acres irrigated	
111	1	Bushels	2	
	6	Pounds		
112	1	Tons, green weight	2	
113	1	Tons, dry weight	2	
114			2	
Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
119	1	/10	2	/10

5. Commercial fertilizer used on sorghums . . . . .

Section 7 Were any SOYBEANS, PEANUTS, DRY BEANS, or DRY PEAS harvested from this place in 1974?

- ☐ YES — Complete this section
- ☐ NO — Go to Section 8

1. Soybeans for beans<sup>②</sup> . . . . .
2. Peanuts for nuts<sup>③</sup> . . . . .
3. Dry field and seed beans . . . . .
4. Dry lima beans . . . . .
5. Dry field and seed peas<sup>④</sup> . . . . .
6. Cowpeas for dry peas<sup>⑤</sup> . . . . .

Acres harvested	Quantity harvested	Acres irrigated	Acres fertilized	Commercial fertilizer used			
				Dry		Liquid or gas	
				Whole tons	Tenths	Whole tons	Tenths
121	Bushels	2	3	4	/10	5	/10
122	Pounds	2	3	4	/10	5	/10
123	100-lb. bags	2	3	4	/10	5	/10
124	100-lb. bags	2	3	4	/10	5	/10
125	Pounds	2	3	4	/10	5	/10
126	Bushels	2	3	4	/10	5	/10

② Soybean hay is to be reported in Section 10 and soybeans hogged or grazed, cut for silage, or plowed under in Section 16.

③ Peanut hay is to be reported in Section 10.

④ Austrian winter peas are to be reported in Section 11.

⑤ Cowpea hay is to be reported in Section 10, green cowpeas in Section 12, cowpeas hogged or grazed or cut for silage in Section 16.

**Section 8** **SMALL GRAINS (including RICE) harvested from this place in 1974****COMPLETE  
THIS  
SECTION**

Please supply all requested information or mark "None" for each crop listed. For each crop harvested from this place in 1974, be sure to report quantity harvested in the unit specified, acres irrigated, acres fertilized, and amount of fertilizer used. If your small grain crop is not listed here, see Section 16 when you reach that section.

• Report small grain hay in Section 10 when you reach that section.

	None	Acres harvested	Quantity harvested	Acres irrigated	Commercial fertilizer used				
					Acres fertilized	Dry		Liquid or gas	
						Whole tons	Tenths	Whole tons	Tenths
1. Hard red winter wheat	<input type="checkbox"/>	131	1 Bu.	2	3	4	/10	5	/10
2. Soft red winter wheat	<input type="checkbox"/>	132	1 Bu.	2	3	4	/10	5	/10
3. Hard red spring wheat	<input type="checkbox"/>	133	1 Bu.	2	3	4	/10	5	/10
4. Durum wheat . . . . .	<input type="checkbox"/>	134	1 Bu.	2	3	4	/10	5	/10
5. White wheat . . . . .	<input type="checkbox"/>	135	1 Bu.	2	3	4	/10	5	/10
6. Oats for grain . . . . .	<input type="checkbox"/>	137	1 Bu.	2	3	4	/10	5	/10
7. Barley for grain . . . . .	<input type="checkbox"/>	138	1 Bu.	2	3	4	/10	5	/10
8. Rye for grain . . . . .	<input type="checkbox"/>	139	1 Bu.	2	3	4	/10	5	/10
9. Mixed grains . . . . .	<input type="checkbox"/>	140	1 Bu.	2	3	4	/10	5	/10
10. Flaxseed . . . . .	<input type="checkbox"/>	141	1 Bu.	2	3	4	/10	5	/10
11. Buckwheat . . . . .	<input type="checkbox"/>	142	1 Bu.	2	3	4	/10	5	/10
12. Proso millet . . . . .	<input type="checkbox"/>	143	1 Bu.	2	3	4	/10	5	/10
13. Rice (Report quantity harvested in either 100-lb. bags, bushels, or barrels). . . . .	<input type="checkbox"/>	144	<div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; padding-left: 5px; margin-right: 5px;">1</div> <div style="margin-right: 5px;">OR</div> <div style="margin-right: 5px;">6</div> <div style="margin-right: 5px;">OR</div> <div style="margin-right: 5px;">7</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">100-lb. bags</div> <div style="margin-right: 5px;">Bu.</div> <div style="margin-right: 5px;">Barrels</div> </div>	2	3	4	/10	5	/10

**Section 9** **Were any COTTON, TOBACCO, IRISH POTATOES, SWEETPOTATOES, OR SUGAR CROPS harvested from this place in 1974?**

☐ YES — Complete this section

☐ NO — Go to Section 10 on next page

Report tenths of acres where indicated.

	Acres harvested	Quantity harvested	Acres irrigated	Commercial fertilizer used				
				Acres fertilized	Dry		Liquid or gas	
					Whole tons	Tenths	Whole tons	Tenths
1. Cotton . . . . .	151	1 Bales	2	3	4	/10	5	/10
2. Tobacco — all types	152	1 Pounds	2	3	4	/10	5	/10
3. Irish potatoes (excluding home use)	153	1 Hundred-weight	2	3	4	/10	5	/10
4. Sweetpotatoes (excluding home use)	154	1 Bushels	2	3	4	/10	5	/10
5. Sugar beets for sugar	155	1 Tons	2	3	4	/10	5	/10
6. Sugar beets for seed	156	1 Pounds	2	3	4	/10	5	/10
7. Sugarcane for sugar <sup>(6)</sup>	157	1 Tons	2	3	4	/10	5	/10
8. Sugarcane for sirup	158		2	3	4	/10	5	/10
9. Sugarcane for seed	159		2	3	4	/10	5	/10

<sup>(6)</sup> In Florida and Texas, report cuttings from November 1973 through April 1974. Other States, report 1974 crop year.

**Section 10** Was any **DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP** cut or harvested from this place in 1974? (Include hay cut from pastures.)

- ☐ YES — Complete this section  
☐ NO — Go to Section 11

If cuttings were made for both dry hay and grass silage, "haylage," or "green chop" from the same fields, report the acreage in the appropriate items under **Part A — Hay** and **Part B — Grass Silage** below.

**Part A — DRY HAY**

(If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)

1. Alfalfa and alfalfa mixtures for hay or dehydrating . . . . .  
2. Clover, timothy, and mixtures of clover and grasses for hay . . . . .  
3. Small grain hay . . . . .  
4. Lespedeza for hay . . . . .  
5. Coastal Bermuda grass for hay . . . . .  
6. Wild hay . . . . .  
7. Other hay — Sudan grass, sorghum-sudan crosses, soybean, cowpea, peanut, etc. . . . .

Acres harvested	Quantity harvested (Report either dry or green weight, as indicated)	Acres irrigated
172	1 Tons. dry	2
173	1 Tons. dry	2
174	1 Tons. dry	2
175	1 Tons. dry	2
176	1 Tons. dry	2
177	1 Tons. dry	2
178	1 Tons. dry	2
181	1 Tons. green	2
182	1 Tons. green	2

**Part B — GRASS SILAGE, HAYLAGE, AND GREEN CHOP**

(If two or more cuttings of grass silage, "haylage," or "green chop" were made from the same acres, report acres only once, but report total tons from all cuttings.)

8. Grass silage and haylage. . . . .  
9. Hay crops cut and fed green (green chop). . . . .

Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
189	1	/10	2	/10

10. Commercial fertilizer used on crops listed above . . . . .

**Section 11** Were any **FIELD SEEDS** (grass, legume, clover, etc.) harvested from this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 12

1. Red clover seed. . . . .  
2. Alfalfa seed . . . . .  
3. Other field seed (Enter crop name and No. from list below.)

Crop name \_\_\_\_\_ No. \_\_\_\_\_  
Crop name \_\_\_\_\_ No. \_\_\_\_\_

List additional field seed crops harvested on back cover.

Crop name No.  
Austrian winter peas . . . 193  
Birdsfoot trefoil seed . . . 194  
Fescue seed: Alta . . . 195  
                  Chewings . 196  
                  KY 31 . . . 197  
                  Red . . . 198  
                  Other . . . 199  
Bahia grass seed . . . 201  
Bentgrass seed . . . 202  
Bromegrass seed . . . 203  
Orchardgrass seed . . . 204

Crop name No.  
Ryegrass seed: Annual . . . 205  
                          Perennial . . . 206  
Sudan grass seed . . . 207  
Timothy . . . . . 208  
Wheatgrass seed . . . 209  
Kentucky Bluegrass seed:  
    Merion . . . . . 211  
    Proprietary . . . . . 212  
    Other . . . . . 213  
Lespedeza . . . . . 214  
Lupine seed . . . . . 215

Crop name No.  
Alsike clover seed . . . . . 216  
Crimson clover seed . . . . . 217  
Ladino clover seed . . . . . 218  
Sweetclover seed . . . . . 219  
White clover seed . . . . . 221  
Red top seed . . . . . 222  
Hairy vetch seed . . . . . 223  
Vetch seed, other than hairy . . . . . 224  
All other seeds — millet (foxtail),  
    bluestem, canarygrass, etc. . . . . 225  
(Write name on line in item 3 above.)

Acres harvested	Quantity harvested (Report in pounds, clean seed)	Acres irrigated
191	1 Pounds	2
192	1 Pounds	2
	1 Pounds	2
	1 Pounds	2

4. Commercial fertilizer used on field seeds  
(Do not report fertilizer here if the same acreage was reported in Section 10.) . . . . .

Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
	Whole tons	Tenths	Whole tons	Tenths
235	1	/10	2	/10

**Section 12** Were any **VEGETABLES, SWEET CORN, OR MELONS** harvested for sale from this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 13 on next page

For Florida, report for the September 1, 1973 through August 31, 1974 harvest season; for all other States report for calendar year 1974. (See separate Instructions for additional guidelines on filling this section.)

1. Sweet corn. . . . .  
 2. Tomatoes . . . . .  
 3. Cucumbers and pickles. . . . .  
 4. Watermelons . . . . .  
 5. Green peas, including English, excluding green cowpeas . . . . .  
 6. Snap beans, bush and pole . . . . .

7. Other vegetable crops (Enter vegetable name and No. from list below.)

Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_  
 Vegetable name \_\_\_\_\_ No. \_\_\_\_\_

List additional vegetables harvested for sale on back cover.

**Vegetable name** **No.**  
 Artichokes . . . . .249  
 Asparagus . . . . .250  
 Beets . . . . .251  
 Broccoli. . . . .252  
 Brussels sprouts. . . . .253  
 Cabbage . . . . .255  
 Cantaloups and  
 Persian melons. . . . .256  
 Carrots . . . . .257  
 Cauliflower . . . . .258  
 Celery . . . . .259

**Vegetable name** **No.**  
 Chicory . . . . .260  
 Collards . . . . .262  
 Cowpeas (blackeye and  
 other green cowpeas). . . . .263  
 Eggplant . . . . .265  
 Endive . . . . .266  
 Escarole. . . . .267  
 Garlic. . . . .268  
 Honeydew melons. . . . .269  
 Kale . . . . .270  
 Lettuce, head . . . . .271

**Vegetable name** **No.**  
 Lettuce, romaine. . . . .272  
 Lettuce, other . . . . .273  
 Lima beans . . . . .274  
 Muskmelons. . . . .275  
 Mustard greens . . . . .277  
 Onions, dry . . . . .278  
 Onions, green . . . . .279  
 Okra . . . . .280  
 Peppers, sweet . . . . .281  
 Peppers, hot . . . . .282  
 Pimientos . . . . .283

**Vegetable name** **No.**  
 Pumpkins . . . . .284  
 Radishes . . . . .285  
 Rhubarb . . . . .286  
 Shallots . . . . .287  
 Spinach . . . . .288  
 Squash . . . . .289  
 Turnips . . . . .290  
 Turnip greens . . . . .291  
 Other vegetables . . . . .294  
 (Write vegetable name on  
 line in item 7 above.)

Acres harvested ⑦				Acres irrigated	
For fresh market		For processing ⑧			
Whole acres	Tenths	Whole acres	Tenths	Whole acres	Tenths
241	/10	1	/10	2	/10
242	/10	1	/10	2	/10
243	/10	1	/10	2	/10
244	/10	1	/10	2	/10
245	/10	1	/10	2	/10
246	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10
	/10	1	/10	2	/10

8. Land used for vegetable crops  
 (Report acres only once even  
 though two or more crops were  
 harvested from the same acres  
 or the same acres were  
 irrigated or fertilized twice.  
 Report all fertilizer used.) . . . . .

Acres harvested		Acres irrigated		Acres fertilized		Commercial fertilizer used			
						Dry		Liquid or gas	
Whole acres	Tenths	Whole acres	Tenths	Whole acres	Tenths	Whole tons	Tenths	Whole tons	Tenths
299	/10	1	/10	2	/10	3	/10	4	/10

- ⑦ When more than one vegetable crop is harvested from the same acres, report the acres for each crop.  
 ⑧ Processing includes canning, freezing, pickling, etc.



**Section 13** Was there a **COMBINED TOTAL** of 20 or more fruit trees, including citrus, grapevines, and nut trees on this place in 1974? (Do NOT include abandoned trees or plantings.)

- ☐ YES — Complete this section  
☐ NO — Go to Section 14

Report the total acres, acres irrigated, acres fertilized, and the amount of fertilizer used for all fruit trees, grapevines, and nut trees on this place. Acreage in abandoned trees should not be reported in this section but should be reported in Section 18, item 2f, Cropland idle.

1. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees	Acres in trees and vines of all ages		Acres irrigated		Commercial fertilizer used					
					Acres fertilized		Dry		Liquid or gas	
	Whole acres	Tenths	Whole acres	Tenths	Whole acres	Tenths	Whole tons	Tenths	Whole tons	Tenths
301		/10	1	/10	2	/10	3	/10	4	/10

For each item, report the acres and number of trees or vines not yet of bearing age, acres and trees or vines of bearing age and quantity harvested. Trees or vines of bearing age that were not harvested because of low price or damage from hail, frost, etc., should be reported in acres in trees of bearing age. For interplanting or mixed varieties of trees, see separate Instructions. (Also see Instructions for conversion tables, if necessary.)

	Not of bearing age			Bearing age			Quantity harvested (Report tenths where specified)	
	Whole acres	Tenths	Number of trees (or vines)	Whole acres	Tenths	Number of trees (or vines)		
2. Apples, dwarf and semi-dwarf. . . . .	302	/10	1	2	/10	3	4	Pounds
3. Apples, standard . . . . .	303	/10	1	2	/10	3	4	Pounds
4. Peaches, clingstone . . . . .	304	/10	1	2	/10	3	4	Pounds
5. Peaches, freestone . . . . .	305	/10	1	2	/10	3	4	Pounds
6. Pears, Bartlett . . . . .	306	/10	1	2	/10	3	4	Pounds
7. Pears, other than Bartlett . . . . .	307	/10	1	2	/10	3	4	Pounds
8. Cherries, tart . . . . .	308	/10	1	2	/10	3	4	Pounds
9. Cherries, sweet . . . . .	309	/10	1	2	/10	3	4	Pounds
10. Grapes <sup>⑨</sup> . . . . .	310	/10	1	2	/10	3	4 } 5 }	Tons, fresh Tons, dry
11. Plums . . . . .	314	/10	1	2	/10	3	4	Tons, fresh
12. Prunes <sup>⑨</sup> . . . . .	315	/10	1	2	/10	3	4 } 5 }	Tons, fresh Tons, dry
■ For citrus, report quantity harvested in 1973-74 from bloom of 1973.	320	/10	1	2	/10	3	4	Boxes
13. Valencia oranges . . . . .	321	/10	1	2	/10	3	4	Boxes
14. Navel oranges . . . . .	322	/10	1	2	/10	3	4	Boxes
15. Temple oranges . . . . .	323	/10	1	2	/10	3	4	Boxes
16. Other oranges — Hamlin, Pineapple, Parson Brown, etc. . . . .	324	/10	1	2	/10	3	4	Boxes
17. Grapefruit . . . . .		/10			/10			Boxes

⑨ Report quantity harvested in either or both units, depending on the way the fruit was sold.  
▶ If you have fruit trees not listed above or nut trees, continue with item 18 at the top of the next page.

**Section 13** Continued

18. If you have any fruit trees which were not listed in items 2 through 17, or nut trees, enter crop name and No. in cols. (a) and (b) from the lists below and give the requested information for each item you list. Report quantity harvested in col. (e). In col. (f) indicate the unit in which you measure the crop. If you mark "Boxes," enter the average capacity, in pounds, of the box.

Enter from list below		Not of bearing age (c)			Bearing age (d)			Quantity harvested  (e)	Unit of measure Mark (X) one (f)			Average capacity of boxes in pounds (g)	
Name (a)	No. (b)	Whole acres	Tenths	Number of trees	Whole acres	Tenths	Number of trees		Lbs.	Tons	Boxes		
			/10	1	2	/10	3	4	5	1	2	3	6
			/10	1	2	/10	3	4	5	1	2	3	6
			/10	1	2	/10	3	4	5	1	2	3	6
			/10	1	2	/10	3	4	5	1	2	3	6
			/10	1	2	/10	3	4	5	1	2	3	6
			/10	1	2	/10	3	4	5	1	2	3	6

## ● CITRUS CROPS

No.

(Report quantity harvested in 1973—74 from bloom of 1973.)

Kumquats	325
Lemons	326
Limes (1 bushel = 50 lbs.)	327
Tangelos	328
Tangerines and mandarins	329
Other citrus fruit trees	330

## ● NONCITRUS CROPS

No.

Apricots	331
Avocados (See Instructions)	332
Dates	333
Figs (See Instructions)	334
Mangoes	335
Nectarines	336
Pomegranates	337
Olives	338
Other noncitrus fruit trees	339

## ● NUT CROPS

No.

Almonds	340
Filberts and hazelnuts	341
Pecans, improved	342
Pecans, wild and seeding	343
Pistachio	344
Tung nuts (in husk)	345
Walnuts (English or Persian)	346
Walnuts, planted black	347
Other nut trees	351

**Section 14** Were any NURSERY and GREENHOUSE PRODUCTS, SOD, BULBS, FLOWERS, FLOWER SEEDS, VEGETABLE SEEDS and PLANTS, VEGETABLES under glass or other protection, or MUSHROOMS grown for sale on this place in 1974?

- ☐ YES — Complete this section
- ☐ NO — Go to Section 15 on next page

1. Nursery products — trees, shrubs, vines, etc. . . . .
2. Sod harvested . . . . .
3. Bulbs . . . . .
4. Cut flowers, florist greens; and potted, bedding, or other florist plants . . . . .
5. Flower seeds, vegetable seeds, and vegetable plants (Report sweet corn for seed in Section 16.) . . . .
6. Vegetables, including mushrooms, grown under glass or other protection
- a. Tomatoes . . . . .
- b. Cucumbers . . . . .
- c. Lettuce . . . . .
- d. Mushrooms . . . . .
- e. Other vegetables . . . . .
7. Area irrigated (Include items 1 through 6e.) . . . . .

	Area used in 1974		Value of sales during 1974 <sup>(11)</sup>	
	Square feet under glass or other protection <sup>(10)</sup>	Acres in the open	Dollars	Cents
371	1	/10	2	
372	1	/10	2	
373	1	/10	2	
374	1	/10	2	
384	1	/10	2	
385			2	
386			2	
387			2	
388			2	
389			2	
391	1	/10		

8. Commercial fertilizer used on the crops listed above . . . . .

Area fertilized			Dry fertilizer		Liquid or gas fertilizer	
Square feet	Acres	Tenths	Whole tons	Tenths	Whole tons	Tenths
399	1	/10	2	/10	3	/10

- <sup>(10)</sup> Report the greenhouse area only once, even though more than one crop was grown on it, except where flowers and other crops were grown on the same benches or beds. In this case, report the area once for each category. For mushrooms, report caves and other types of growing areas.
- <sup>(11)</sup> Estimates are acceptable. Do not include value of products bought for resale without additional growing.

Section 15 Were any BERRIES harvested for sale from this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 16

1. Strawberries . . . . .

2. Cranberries . . . . .

3. Other berries (Enter crop name and No. from list below.)

Crop name \_\_\_\_\_ No. \_\_\_\_\_

Crop name \_\_\_\_\_ No. \_\_\_\_\_

List additional berry crops harvested for sale on back cover.

Crop name	No.	Crop name	No.	Crop name	No.	Crop name	No.
Blackberries and dewberries . . . . .	404	Boysenberries . . . . .	407	Loganberries . . . . .	411	Youngberries . . . . .	414
Blueberries, tame . . . . .	405	Currants . . . . .	408	Raspberries, red . . . . .	412	All other berries . . . . .	415
Blueberries, wild . . . . .	406	Gooseberries . . . . .	409	Raspberries, black . . . . .	413	(Write crop name on line in item 3 above.)	

Acres harvested		Quantity harvested (1 quart = 1 1/2 pounds)		Acres irrigated	
Whole acres	Tenths			Whole acres	Tenths
402	/10	1	Pounds	2	/10
403	/10	1	100-lb. barrels	2	/10
	/10	1	Pounds	2	/10
	/10	1	Pounds	2	/10

4. Commercial fertilizer used on berries . . . . .

Acres fertilized		Dry fertilizer		Liquid or gas fertilizer	
Whole acres	Tenths	Whole tons	Tenths	Whole tons	Tenths
429	/10	1	/10	2	/10

Section 16 Were any OTHER CROPS harvested from this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 17

1. Popcorn . . . . .

2. Safflower . . . . .

3. Sunflower seed . . . . .

4. Emmer and spelt . . . . .

5. Mint for oil . . . . .

6. Broomcorn . . . . .

7. Other crops (Enter crop name and No. from list below.)

Crop name \_\_\_\_\_ No. \_\_\_\_\_

Crop name \_\_\_\_\_ No. \_\_\_\_\_

List additional crops harvested on back cover.

Crop name	No.	Crop name	No.	Crop name	No.	Crop name	No.
Castor beans . . . . .	437	Guar . . . . .	443	Root crops for feed . . . . .	449	Sweet corn for seed . . . . .	454
Chufas for nuts . . . . .	438	Hops . . . . .	444	Sesame for seed . . . . .	450	Triticale . . . . .	455
Cowpeas hogged or grazed or cut for silage. . . . .	439	Lentils . . . . .	445	Sorghum for sirup . . . . .	451	Velvetbeans for beans . . . . .	456
Crambe . . . . .	441	Mungbeans for beans . . . . .	446	Soybeans hogged or grazed or cut for silage. . . . .	452	Wild rice . . . . .	457
Dill for oil . . . . .	442	Mustard seed . . . . .	447	Soybeans plowed under. . . . .	453	Wormseed oil . . . . .	458
		Rapeseed . . . . .	448			All other crops . . . . .	459
							(Write crop name on line in item 7 above.)

Acres harvested	Quantity harvested	Acres irrigated	Commercial fertilizer used					
			Acres fertilized	Dry		Liquid or gas		
				Whole tons	Tenths	Whole tons	Tenths	
431	1 Pounds, shelled	2	3	4	/10	5	/10	
432	1 Pounds	2	3	4	/10	5	/10	
433	1 Pounds	2	3	4	/10	5	/10	
434	1 Bushels	2	3	4	/10	5	/10	
435	1 Pounds of oil	2	3	4	/10	5	/10	
436	1 Tons of brush	2	3	4	/10	5	/10	
		2	3	4	/10	5	/10	
		2	3	4	/10	5	/10	

Section 17 Were any FOREST PRODUCTS sold from this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to and COMPLETE Section 18

1. Standing timber or trees . . . . .

2. Firewood and fuelwood . . . . .

3. Sawlogs and veneer logs . . . . .

4. Pulpwood . . . . .

5. Other forest products (bark, bolts, Christmas trees, gum for naval stores, fence posts, maple products, etc.) . . . . .

Value of sales	
Dollars	Cents
491 \$	
492 \$	
493 \$	
494 \$	
495 \$	

**Section 18** LAND USE IN 1974 — COMPLETE THIS SECTION

501

1. Copy acres in "This Place" from Section 3, item 4, page 1 → Acres

► **NOTE:** If the same land had more than one use in 1974, REPORT THAT LAND ONLY **ONCE** — in the first use listed below that applies. For example, cropland that was harvested and pastured is to be reported only as "Cropland harvested."

2. {
- a. Cropland harvested (Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products.)
  - b. Cropland used only for pasture or grazing (Include rotation pasture and grazing land that could have been used for crops without additional improvements.)
  - c. Cropland used for cover crops, legumes, and soil-improvement grasses, but not harvested and not pastured
  - d. Cropland on which all crops failed (Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)
  - e. Cropland in cultivated summer fallow
  - f. Cropland idle

3. **Woodland** (Include all woodlots and timber tracts and cutover and deforested land with young timber growth.)

- {
- a. Woodland pastured
  - b. Woodland not pastured

4. **Other pastureland and rangeland** (Include any pastureland other than cropland and woodland pasture.)

- a. Pastureland and rangeland on which you applied lime, fertilizer, seed, improved by irrigation, drainage, or control of weeds and brush
- b. Other pastureland and rangeland

5. **All other land** — Land in house lots, barn lots, ponds, roads, wasteland, etc. (Include any land not reported above.)

6. **TOTAL ACRES** (Please add the acres reported in items 2a through 5 and enter the total in this space. Should be the same as item 1 above.)

Number of acres	Acres irrigated in 1974
502	1
503	1
505	1
506	1
507	1
509	1
511	
512	
514	1
515	
516	
IN "THIS PLACE" 517	IRRIGATED 1

7. Do you have any grazing permits on a per-head basis? <sup>519</sup>
- ☐ YES — Mark (X) all boxes which apply →
- ☐ NO — Go to Section 19
- 1 ☐ Forest Service
- 2 ☐ Taylor Grazing (BLM)
- 3 ☐ Indian Land
- 4 ☐ Other Federal or State
- 5 ☐ Other — Specify →

**Section 19** Was any of the LAND in this place IRRIGATED in 1974? ☐ YES — Answer items 1 and 2 below

☐ NO — Answer item 3 below

1. How many acres were irrigated in 1974 by each of these methods?

- a. Furrows or ditches
- b. Flooding
- c. Subirrigation
- d. Self-propelled sprinkler system (center pivot, traveling guns, traveling booms, etc.)
- e. All other sprinkler systems (solid set, move pipe, wheel lines, tow lines, etc.)

None	Acres irrigated in 1974
<input type="checkbox"/>	523
<input type="checkbox"/>	524
<input type="checkbox"/>	525
<input type="checkbox"/>	526
<input type="checkbox"/>	527

**Estimated quantity of water used in 1974** (See separate Instructions for additional information on estimating quantity of water used.)

2. Please estimate the quantity of water used for irrigation in 1974 (Report in the unit or units of measure most convenient for you.)

- a. Acre-feet (One acre-foot covers one acre, one foot deep).
- b. Gallons (Pumping capacity per minute X 60 minutes X hours operated in season).
- c. If acre-feet or gallons cannot be estimated in a or b above, give depth in inches of all water applied

Water used in 1974		
531	Acres-feet	Tenths
		/10
532		
533		
	Gallons	
	Total inches	

3. If no land was irrigated in 1974, was there any land in this place irrigated at any time in 1970-1973?

- ☐ YES — Complete a and b →
- ☐ NO — Go to Section 20 on next page

- a. What was the most recent year in which acres were irrigated? <sup>535</sup> \_\_\_\_\_ Year
- b. How many acres were irrigated in that year? <sup>536</sup> \_\_\_\_\_ Acres

**Section 20** Was any land on this place ARTIFICIALLY DRAINED?☐ YES — Complete this section☐ NO — Go to Section 21

None	Acres artificially drained
<input type="checkbox"/>	541
<input type="checkbox"/>	542

1. How many acres in this place were artificially drained? (Include open ditches, underground tile drains, grading for drainage, dikes, or pumping to control water. Exclude drainage solely for the removal of irrigation waste water.) . . . . . ☐

2. How many acres were artificially drained by systems installed since January 1, 1974? . . . . . ☐

**Section 21** Was any COMMERCIAL FERTILIZER applied to PASTURELAND on this place in 1974?☐ YES — Complete this section☐ NO — Continue with NOTE below

1. How many acres of cropland used only for pasture in 1974 (reported in Section 18, item 2b) were fertilized? . . . . . ☐

2. How many acres of other pastureland in 1974 (reported in Section 18, item 4a) were fertilized? . . . . . ☐

None	Acres fertilized	Dry fertilizer		Liquid or gas fertilizer	
		Whole tons	Tenths	Whole tons	Tenths
<input type="checkbox"/>	551	1	/10	2	/10
<input type="checkbox"/>	552	1	/10	2	/10

**NOTE: READ AND ANSWER THIS QUESTION**

Did you or anyone else have any livestock, poultry, or animal specialties on this place in 1974? (Include fish raised in captivity.)

☐ YES — Go to Section 22 below☐ NO — Skip to page 13 and

COMPLETE Section 27

**Section 22** Were there any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place at any time in 1974?☐ YES — Complete this section☐ NO — Go to Section 23

• Report hatchery operations such as baby chicks, turkey poults, etc., in Section 26.

1. HENS, PULLETS, ROOSTERS for table eggs and hatching egg production

a. Hens and pullets of laying age kept for TABLE or MARKET egg production . . . . .

b. Hens and pullets of laying age kept for HATCHING egg production . . . . .

c. Pullets 3 months old or older not yet of laying age . . . . .

d. Pullet chicks and pullets under 3 months old (Exclude commercial broilers.) . . . . .

e. Roosters and male chickens (all male breeding stock) . . . . .

2. BROILERS, fryers, and other meat type chickens, including capons and roasters . . . . .

3. TURKEYS

a. Heavy breed turkeys for slaughter (Exclude breeders.) . . . . .

b. Light breed turkeys for slaughter (Exclude breeders.) . . . . .

c. Turkey HENS kept for breeding (Include both heavy and light breeds.) . . . . .

4. OTHER POULTRY raised in captivity (Enter fowl name and No. from list below.)

Fowl name \_\_\_\_\_ No. \_\_\_\_\_

Fowl name \_\_\_\_\_ No. \_\_\_\_\_

Fowl name \_\_\_\_\_ No. \_\_\_\_\_

List additional poultry on back cover.

INVENTORY Number on this place December 31, 1974	Total number of birds sold in 1974
602	1
603	1
605	1
606	1
607	1
608	1
611	1
612	1
613	1
	1
	1
	1

Fowl name \_\_\_\_\_ No. \_\_\_\_\_  
Ducks . . . . . 614  
Geese . . . . . 615

Fowl name \_\_\_\_\_ No. \_\_\_\_\_  
Pigeons or squab . . . . . 616  
Pheasants . . . . . 617

Fowl name \_\_\_\_\_ No. \_\_\_\_\_  
Quail . . . . . 618  
All other poultry . . . . . 619 (Write name on line in item 4 above.)

5. What was the value before taxes and expenses of poultry and poultry products (eggs, etc.) sold from this place in 1974? (Include estimated value of poultry and poultry products moved from this place by contractors or others.) . . . . .

Value of sales	
Dollars	Cents
629	
\$	

**Section 23** Did you or anyone else have any **CATTLE** or **CALVES** on this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 24

**INVENTORY on December 31, 1974**

1. Cattle and calves of all ages (Total of a, b, c, and d below.) . . . . .
- a. Beef cows (Include beef heifers that had calved.) . . . . .
- b. Milk cows (Include dry milk cows and milk heifers that had calved.) . . . . .
- c. Heifers and heifer calves (1) For beef purposes and beef cow replacement . . . . .  
 (Exclude heifers that had calved.) (2) For milk cow replacement . . . . .
- d. Steers, steer calves, bulls, and bull calves . . . . .

INVENTORY Number on this place December 31, 1974	
631	
632	
633	
634	
635	
636	

**CATTLE AND CALVES SOLD from this place in 1974**

(Include those fed on "This Place" on a contract or custom basis.  
 Also, report cattle moved from this place to a feedlot for further  
 feeding as sold; report both the number and estimated value.  
 See separate Instructions.)

2. Calves weighing less than 500 pounds. . . . . ☐
3. Cattle including calves weighing 500 pounds or more. . . . . ☐
- a. Of the total cattle sold, how many were fattened on this place on  
 grain or concentrates for 30 days or more and sold for slaughter? . . . . ☐

Total number sold in 1974	Value of sales before taxes and expenses	
	Dollars	Cents
641	1	
642	1	
643	1	

**DAIRY PRODUCTS SOLD from this place in 1974**

- Report goat dairy products in Section 26 when you reach that section.

4. What was the gross value of sales of dairy products (milk, cream, etc.)  
 from this place in 1974, before taxes and expenses? . . . . .

Value of dairy products sold	
Dollars	Cents
649	

**Section 24** Did you or anyone else have any **HOGS** or **PIGS** on this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 25 on next page

**INVENTORY on December 31, 1974**

1. Hogs and pigs of all ages (Total of a and b below.) . . . . .
- a. Hogs and pigs used or to be used for breeding . . . . .
- b. Other hogs and pigs . . . . .

INVENTORY Number on this place December 31, 1974	
651	
652	
653	

**LITTERS FARROWED**

2. Litters farrowed on this place between —
- a. December 1, 1973 and May 31, 1974 . . . . . ☐
- b. June 1, 1974 and November 30, 1974 . . . . . ☐

Number of litters	
654	
655	

**HOGS AND PIGS SOLD**

3. Hogs and pigs sold from this place in 1974 . . . . . ☐
- a. Of the hogs and pigs sold, how many were  
 sold as FEEDER PIGS for further feeding? . . . . . ☐

Total number sold in 1974	Value of sales before taxes and expenses	
	Dollars	Cents
656	1	
657	1	

Section 25 Did you or anyone else have any SHEEP or LAMBS on this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 26

1. Sheep and lambs of all ages (Total of a, b, and c below.) . . . . .  
a. Lambs under 1 year old . . . . .  
b. Ewes 1 year old or older . . . . .  
c. Rams and wethers 1 year old or older . . . . .

INVENTORY Number on this place December 31, 1974	Total number sold in 1974
661	1
662	
663	
664	

2. Sheep and lambs shorn . . . . . ☐

None	665	Number shorn	1	Pounds of wool shorn
------	-----	--------------	---	----------------------

3. What was the gross value of sales of sheep, lambs, and wool from this place in 1974, before taxes and expenses? . . . . . \$

Value of sales	
Dollars	Cents
669	
\$	

Section 26 Did you or anyone else have any OTHER LIVESTOCK or ANIMAL SPECIALTIES on this place in 1974?

- ☐ YES — Complete this section  
☐ NO — Go to Section 27


1. Horses of all ages (Do not include ponies.) . . . . .  
2. Ponies of all ages . . . . .  
3. Mules, burros, and donkeys of all ages . . . . .  
4. Mink and their pelts . . . . .  
a. Mink females used for breeding . . . . .  
5. Other livestock in captivity, bees, and poultry hatched (Enter name and No. from list below.)  
Name \_\_\_\_\_ No \_\_\_\_\_  
Name \_\_\_\_\_ No \_\_\_\_\_  
Name \_\_\_\_\_ No \_\_\_\_\_

INVENTORY Number on this place Dec 31, 1974	Total number sold in 1974	Value of sales	
		Dollars	Cents
671	1	2	
672	1	2	
673	1	2	
674	1	2	
675			
	1	2	
	1	2	
	1	2	

Other Livestock in Captivity, Bees, and Poultry Hatched

Name	No.	Name	No.	Name	No.
Colonies of bees . . . . .	676	Other goats . . . . .	679	Foxes and their pelts . . . . .	683
Angora goats . . . . .	677	Rabbits and their pelts . . . . .	681	Poultry hatched . . . . .	684
Milk goats . . . . .	678	Chinchillas and their pelts . . . . .	682	All other livestock . . . . .	685

6. Livestock or animal products (Enter name and No. from "List A" below.)  
Name \_\_\_\_\_ No \_\_\_\_\_  
7. Fish in captivity (Enter name and No. from "List B" below.)  
Name \_\_\_\_\_ No \_\_\_\_\_

Acres under water for fish production	Total quantity sold in 1974	Value of sales	
		Dollars	Cents
	1	2	
	3 — OR — Pounds	\$	
	1	2	
	3 — OR — Gallons	\$	
	1	2	
	3 — OR — Pounds	\$	
	1	2	
	3 — OR — Number	\$	

• List A — Livestock Products

Name	No.
Mohair sold . . . . .	687
Goats milk sold . . . . .	688
Honey sold . . . . .	689

• List B — Fish in Captivity

Name	No.
Catfish . . . . .	691
Trout . . . . .	692
Other food-type fish . . . . .	693

Name	No.
Tropical fish . . . . .	694
Other fish . . . . .	695

► List any additional livestock, livestock products, animal specialties, or fish on back cover.

**Section 27** **MACHINERY AND EQUIPMENT on this place on December 31, 1974**

(Include only equipment used for agricultural operations in 1973 or 1974.)

**COMPLETE THIS SECTION****Value of ALL machinery and equipment on this place, December 31, 1974**

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? (Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.) . . . . .

Estimated market value	
Dollars	Cents
701	
\$	

**SELECTED machinery and equipment on this place, December 31, 1974**

(Report only if used in 1973 or 1974.)

2. Automobiles . . . . .
3. Motortrucks (Include pickups.) . . . . .
4. Wheel tractors other than garden tractors and motor tillers . . . . .
5. Crawler tractors . . . . .
6. Grain and bean combines, self-propelled only . . . . .
7. Corn heads for combines . . . . .
8. Other corn pickers and picker-shellers . . . . .
9. Mower conditioners . . . . .
10. Pickup balers . . . . .
11. Windrowers — pull and self-propelled (Exclude side delivery rakes.) . . . . .
12. Field forage harvesters, shear bar or flywheel type . . . . .

Total number on this place on December 31, 1974	Of the total, HOW MANY were manufactured in the last 5 years (1970-1974)? (Number)
702	1
703	1
704	1
705	1
706	1
707	1
708	1
709	1
710	1
711	1
712	1

**Section 28** **MISCELLANEOUS ITEMS — COMPLETE THIS SECTION**

1. GRAIN STORAGE FACILITIES — Mark (X) one to show the total grain storage capacity, including ear corn, on this place. (Do not include temporary structures.) . . . . .

- 721 1 ☐ None
- 2 ☐ Under 1,000 bushels (Under 25 tons)
- 3 ☐ 1,000-4,999 bushels (25-124 tons)
- 4 ☐ 5,000-9,999 bushels (125-249 tons)
- 5 ☐ 10,000-24,999 bushels (250-624 tons)
- 6 ☐ 25,000-49,999 bushels (625-1,249 tons)
- 7 ☐ 50,000 bushels and over (1,250 tons and over)

2. How many ARTIFICIAL PONDS, PITS, RESERVOIRS, and EARTHEN TANKS are on this place? (Do not report natural lakes, gravel pits, strip mining pits, flooded fields, sewage lagoons, or manure pits.) . . . . .

Number of artificial ponds, pits, etc	
Whole acres	Tenths
723	/10

- a. Area covered when filled to capacity . . . . .

3. FUTURES MARKET — Did you utilize the commodity futures market in 1974 to hedge sales of any farm commodities which you produce?

- 724 1 ☐ YES — Mark which commodities
- 2 ☐ NO — Go to Section 29 on next page

- 725 1 ☐ Corn (grain) 7 ☐ Cattle (live)
- 2 ☐ Sorghums (grain) 8 ☐ Hogs (live)
- 3 ☐ Soybeans (grain) 9 ☐ Other — Specify **7**
- 4 ☐ Wheat (grain)
- 5 ☐ Cotton
- 6 ☐ Potatoes



# Section 29 Did you have any CONTRACT or BINDING AGREEMENT to produce or market any farm products on this place in 1974? (Include oral and written agreements made more than 30 days prior to delivery.)

☐ YES — Complete this section

☐ NO — Go to Section 30

1. Mark (X) as many products as you produced and/or marketed under contract.

No.	Product name	No.	Product name	No.	Product name	No.	Product name
1 <input type="checkbox"/>	Broilers	7 <input type="checkbox"/>	Feeder cattle and/or stocker cattle	13 <input type="checkbox"/>	Field and seed corn	19 <input type="checkbox"/>	Fruit, citrus, nuts for fresh market
2 <input type="checkbox"/>	Started pullets	8 <input type="checkbox"/>	Breeding cattle	14 <input type="checkbox"/>	Soybeans	20 <input type="checkbox"/>	Fruit, including citrus, for processing
3 <input type="checkbox"/>	Chicken eggs	9 <input type="checkbox"/>	Slaughter hogs	15 <input type="checkbox"/>	Wheat	21 <input type="checkbox"/>	Sugar beets
4 <input type="checkbox"/>	Turkeys	10 <input type="checkbox"/>	Feeder pigs	16 <input type="checkbox"/>	Cotton	22 <input type="checkbox"/>	Other crops, such as hops, popcorn, potatoes, safflower, sugarcane, etc (Write product name on line A1 below.)
5 <input type="checkbox"/>	Milk and other dairy products	11 <input type="checkbox"/>	Breeding hogs	17 <input type="checkbox"/>	Vegetables for fresh market		
6 <input type="checkbox"/>	Fattened cattle	12 <input type="checkbox"/>	Other livestock and/or poultry (Write product name on line A1 below.)	18 <input type="checkbox"/>	Vegetables for processing		

2. For each product marked above, enter the Name and No. in the column heading where indicated and complete the remaining entries in the column (items B through G) for that product.

		FIRST CONTRACT	SECOND CONTRACT	THIRD CONTRACT	FOURTH CONTRACT
<b>A. Product(s) under contract</b> Enter name and No. from item 1 above		1. Product name 731	732	733	734
2. No.					
<b>B. Type of contract</b> Mark (X) one of these items for each product under contract	1. Production ⑫	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>
	2. Marketing ⑬	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Production, including feeding, and marketing	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	4. Other	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
<b>C. Type of contractor</b> Mark (X) one of these items for each product under contract	1. Co-op	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	2. Feed company	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Packer	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	4. Processor	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
	5. Other	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>
<b>D. Items furnished by contractor under terms of contract</b> Mark (X) for as many items as apply for each product under contract	1. Feed	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	2. Chicks, pullets, cattle, feeder pigs, etc.	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Seed	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>
	4. Fertilizer	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
	5. Chemicals	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>
	6. Labor	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>
	7. Machinery, equipment, or buildings	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>
	8. Harvesting	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>
	9. Transportation	9 <input type="checkbox"/>	9 <input type="checkbox"/>	9 <input type="checkbox"/>	9 <input type="checkbox"/>
	10. Processing/packing	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>
	11. Credit	11 <input type="checkbox"/>	11 <input type="checkbox"/>	11 <input type="checkbox"/>	11 <input type="checkbox"/>
	12. Technical assistance	12 <input type="checkbox"/>	12 <input type="checkbox"/>	12 <input type="checkbox"/>	12 <input type="checkbox"/>
	13. Other	13 <input type="checkbox"/>	13 <input type="checkbox"/>	13 <input type="checkbox"/>	13 <input type="checkbox"/>
	14. None	14 <input type="checkbox"/>	14 <input type="checkbox"/>	14 <input type="checkbox"/>	14 <input type="checkbox"/>
<b>E. What percent of the total production of this product was sold under contract?</b>		5 Percent	5 Percent	5 Percent	5 Percent
<b>F.</b>	1. Amount received from contractor for product covered by contract?	6 Dollars Cents \$	6 Dollars Cents \$	6 Dollars Cents \$	6 Dollars Cents \$
	2. Did this payment represent the total market value of the product?	7 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	7 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	7 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No	7 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No
<b>G.</b>	1. Exact price?	8 1 <input type="checkbox"/>	8 1 <input type="checkbox"/>	8 1 <input type="checkbox"/>	8 1 <input type="checkbox"/>
	2. Method of determining price?	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
	3. Neither price nor method?	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>

⑫ Production contracts, including custom feeding, usually specify kind and/or amount of farm product to be produced and may specify variety or breed, operations to be performed during production, or inputs and technical assistance to be supplied by contractor.

⑬ Marketing contracts usually specify kind and/or amount of farm product to be delivered but usually do not specify that contractor provides services or supplies or that particular operations or methods be used in production.

**Section 30**

**PAYROLL AND EMPLOYMENT - Did you have any paid workers doing agricultural labor, employees of labor contractors or crew leaders, or other salaried employees working on this place in 1974?**

- ☐ YES — Complete this section  
☐ NO — Go to Section 31

**Please read before  
answering items 1, 2,  
and 3 below**

**Hired farm or ranch workers** — In addition to farm workers and paid family members, include such persons as bookkeepers, office workers, maintenance people, etc., whose employment is primarily associated with agricultural production on this place even though they may not be doing agricultural labor. Do not include unpaid family workers or the proprietors or partners of unincorporated places.

**Cash wages paid** — Report gross payments in 1974 to employees before deductions for Social Security, taxes, insurance premiums, etc. Include all wages, salaries, commissions, paid bonuses, vacation and sick leave pay. Do not include room and board, house rent, or other items paid in kind.

For each of the following groups, report how many hired farm or ranch workers were employed and the amount of cash wages paid to them.

1. Of the hired farm or ranch workers, how many worked—

a. 150 days or more? . . . . .

b. 25–149 days? . . . . .

c. Less than 25 days? . . . . .

2. Contract workers hired through a crew leader or contractor

a. What was the cost of contract labor? . . . . .

b. How many workers did the contractor furnish? (Estimate if necessary.) . . . . .

3. Salaried corporation officers

a. If this operation is incorporated, how many corporation officers were salaried in 1974? . . . . .

b. What was the amount paid? . . . . .

Number of workers	Cash wages paid	
	Dollars	Cents
751	1	
	\$	
752	1	
	\$	
753	1	
	\$	
	754	
	\$	
755		
756		
	757	
	\$	

**Section 31**

**INJURIES AND ILLNESSES CONNECTED WITH FARM OR RANCH WORK — Were there any work connected injuries that required more than first aid treatment, or work connected illnesses or death to workers on this place in 1974?**

(Do not include deaths, injuries, or illnesses to employees of contractors.)

- ☐ YES — Complete this section  
☐ NO — Go to Section 32 on next page

1. Non-fatal injuries and illnesses

a. How many workers had injuries or illnesses without lost workdays?

b. How many workers had injuries or illnesses with lost workdays? . . . . .

(1) How many days were lost as a result of all injuries and illnesses? . . . . .

2. Number of deaths . . . . .

Operator and unpaid family workers	Hired workers and paid members of operator's family
761	1
Workers	Workers
762	1
Workers	Workers
763	1
Days	Days
764	1
Number	Number

**Section 32**

**Were any INSECTICIDES, HERBICIDES, FUNGICIDES, OTHER PESTICIDES, LIME, or OTHER CHEMICALS used on this place in 1974?**

- ☐ YES — Complete this section  
☐ NO — Go to Section 33

Include any of these materials paid for by you, your landlord, or contractors. If custom applied, report only estimated cost of material. Cost of applying should be reported in Section 34, item 9. For each item listed, **report acres only once**, but report cost of all such materials used on these acres in 1974. If multipurpose chemicals were used, report acreage treated for each purpose and allocate cost of materials.

	Number of acres on which used	Cost of chemicals (Do not include cost of applying)	
		Dollars	Cents
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematocide) to control —			
a. Insects on hay crops (alfalfa, timothy, etc.) . . . . .	771	1	
b. Insects on other crops (corn, other grain, cotton, tobacco, potatoes, trees, vines, etc.) . . . . .	772	1	
c. Nematodes in crops . . . . .	773	1	
d. Diseases in crops and orchards (blights, smuts, rusts, etc.) . . . . .	774	1	
e. Weeds or grass in crops (Include both pre-emergence and post emergence.)	775	1	
f. Weeds or brush in pasture. . . . .	776	1	
g. Weeds on all other land (fence rows, ditch banks, road sides, etc.) . . . . .	777	1	
2. Chemicals for defoliation or for growth control of crops or thinning of fruit. . . . .	778	1	
3. Expenditures for insect control on livestock and poultry, including treatment of buildings. . . . .	779		
4. Lime (Do not include land plaster or gypsum or lime for sanitation.) . . . . . 781 Tons	782	1	
5. Other chemicals (excluding fertilizer), such as lime for sanitation, pesticides used for rodent and bird control, etc. . . . .	783		
6. <b>TOTAL CHEMICAL COST</b> (Add dollars for items 1a through 5 and enter total here and in Section 34, item 10.)	784		

**Section 33****FARM CREDIT**

1. **DEBTS SECURED BY REAL ESTATE** — Were there any real estate mortgages, deeds of trust, or land purchase contracts on farm land and buildings owned and operated by you? (If you rent land to others, see separate Instructions.)

- ☐ YES — Answer a, b, and c      ☐ NO — Go to item 2      ☐ No land owned — Go to item 2

	Amount (principal only) owed December 31, 1974	
	Dollars	Cents
a. Amount owed to a Federal Land Bank, The Farmers Home Administration, an insurance company, a commercial or savings bank, and/or a production credit association. . . . .	791	
b. Amount owed to a savings and loan association, mortgage investment company, and/or other financial institution not covered above . . . . .	792	
c. Amount owed to individual(s) from whom you bought part or all of the property or to others (secured by mortgage, deed of trust, land purchase contract, etc.) . . . . .	793	

2. **DEBTS NOT SECURED BY REAL ESTATE** — Were any chattel mortgages, sales contracts, or unsecured notes owed by you on December 31, 1974, for operating this farm or ranch business?

- ☐ YES — Answer a, b, and c      ☐ NO — Go to Section 34

	Amount (principal only) owed December 31, 1974	
	Dollars	Cents
a. Amount owed to a commercial or savings bank, a production credit association, The Farmers Home Administration, and/or other lending agencies . . . . .	795	
b. Amount owed to business firms or farm suppliers (machinery dealer, feed dealer, fuel supplier, fertilizer dealers, etc., or their finance agencies). . . . .	796	
c. Amount owed to relatives and other individuals. . . . .	797	

**Section 34****Production EXPENSES paid by you and others for this place in 1974****COMPLETE  
THIS  
SECTION**

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products on this place. **DO NOT INCLUDE** expenses connected with performing customwork off this place, operation of non-farm activities, businesses or services, and household expenses not related to the farm business.

					Production expenses	
					Dollars	Cents
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, baby chicks, poult, started pullets, etc. . . . .					801	
				\$		
2. Total feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc. (Total dollars for a, b, c, and d below.) . . . . .					802	
				\$		
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates (Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.) . . . . .	Tons	Tenths	Dollars	Cents	803	
		/10	\$			
b. Ingredients purchased — such as soybean meal, cottonseed meal, urea, etc., millfeeds or other milling byproducts (Do not include whole grains.) . . . . .		/10	\$		804	
		/10	\$			
c. Whole grains purchased — such as corn, oats, barley, grain sorghum, wheat, rye, etc. (Include cracked grain. Do not include millfeeds or other milling byproducts, or green chop.) . . . . .		/10	\$		805	
		/10	\$			
d. Hay, green chop, silage, etc. . . . .		/10	\$		806	
		/10	\$			
3. Animal health costs for livestock and poultry (Include veterinarian services, serums, vaccines, tonics, medicines, etc.) . . . . .					807	
				\$		
4. Seeds, bulbs, plants, and trees purchased . . . . .					808	
				\$		
5. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum (Report custom application costs in item 9 below.) . . . . .					809	
				\$		
6. Total gasoline and other petroleum fuel and oil purchased for the farm business — Diesel fuel, LP gas, butane, propane, piped gas, kerosene, fuel oil, motor oil, grease, etc. (Total dollars for a, b, c, and d below.) . . . . .					811	
				\$		
	Storage capacity for farm use (Gallons)	Estimated expenditures for farm use in 1974				
		Dollars	Cents			
a. Gasoline for the farm business . . . . .	812	1				
		\$				
b. Diesel fuel for the farm business . . . . .	813	1				
		\$				
c. LP gas, butane, propane for the farm business (4.5 lbs. = 1 gallon) . . . . .	814	1				
		\$				
d. Motor oil, grease, piped gas, kerosene, and fuel oil for the farm business . . . . .		815				
		\$				
7. Hired farm labor (Add dollars reported in Section 30, items 1a, 1b, and 1c, and enter total here.) . . . . .					821	
				\$		
8. Contract labor (Copy dollars reported in Section 30, item 2a.) . . . . .					823	
				\$		
9. Machine hire and customwork (Include expenditures for this place for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc.) . . . . .					824	
				\$		
					826	
				\$		
10. Agricultural chemicals purchased (Copy dollars reported in Section 32, item 6.) . . . . .					827	
				\$		
11. All other production expenses (Include OTHER current operating expenses such as depreciation, taxes, interest, cash rent, insurance, repairs, electricity, purchase of water, etc., for the farm business.) . . . . .					829	
				\$		
12. TOTAL PRODUCTION EXPENSES including expenses paid by landlords, contractors, or others (Add dollars in items 1 through 11 and enter total here.) ➔				\$		

**Section 35** Value of **AGRICULTURAL PRODUCTS SOLD** from this place in **1974**, before taxes and expenses (See separate Instructions.)

COMPLETE  
THIS  
PAGE

Report your best estimates of the value for each of the following groups of products sold from this place. Include value of landlord's and/or contractor's share, estimating if necessary.

		Estimated value of products sold	
		Dollars	Cents
1. Grains — corn for grain, small grains, soybeans for beans, grain sorghums, cowpeas for peas, dry beans, and dry peas . . . . .		832	
		\$	
2. Cotton and cottonseed . . . . .		833	
		\$	
3. Tobacco . . . . .		834	
		\$	
4. Field seeds, hay, forage, and silage . . . . .		835	
		\$	
5. Vegetables, sweet corn, and melons (Do not include Irish potatoes and sweetpotatoes.) . . . . .		836	
		\$	
6. Other field crops — peanuts, Irish potatoes, sweetpotatoes, sugar beets, sugarcane, popcorn, mint for oil, hops, etc. — Specify _____		837	
		\$	
7. Fruits, nuts, and berries — apples, berries, citrus, grapes, peaches, pecans, pears, pineapples, etc. . . . .		838	
		\$	
8. Nursery and greenhouse products sold (Add dollars reported in Section 14, items 1 through 6e and enter the total here.) . . . . .		839	
		\$	
9. Forest products sold (Add dollars reported in Section 17 and enter the total here.) . . . . .		849	
		\$	
10. Poultry and poultry products, broilers, other chickens, eggs, ducks, turkeys, etc. (Copy dollars reported in Section 22, item 5.) . . . . .		852	
		\$	
11. Cattle and calves sold (Add dollars reported in Section 23, items 2 and 3 — do NOT include item 3a — and enter the total here.) . . . . .		853	
		\$	
12. Dairy products — milk, cream, etc. (Copy dollars reported in Section 23, item 4. Report goat dairy products in item 15 below.) . . . . .		854	
		\$	
13. Hogs and pigs sold (Copy dollars reported in Section 24, item 3.) . . . . .		855	
		\$	
14. Sheep, lambs, and wool (Copy dollars reported in Section 25, item 3.) . . . . .		856	
		\$	
15. Other livestock, horses, mules, fur-bearing animals, bees, honey, goat dairy products, mohair, etc. (Add dollars reported in Section 26, items 1 through 7, and enter the total here.) . . . . .		857	
		\$	
16. TOTAL VALUE OF PRODUCTS SOLD including value of landlord's and/or contractor's share (Add dollars entered in items 1 through 15 and enter total here.)		859	
		\$	

**Section 36** INCOME AND EXPENSES from FARM-RELATED SOURCES IN 1974

**Part A — INCOME FROM FARM-RELATED SOURCES**

Report amount received before taxes and expenses.

		Farm-related income	
		Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others—plowing, planting, spraying, harvesting, preparation of products for market, etc. (If custom-work is a separate business, see separate Instructions.) . . . . .	None <input type="checkbox"/>	871	
		\$	
2. Recreational services — providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational facilities on this place . . . . .	<input type="checkbox"/>	872	
		\$	
3. Payments you received for participation in Government farm programs (Do not include redeemable loans.) . . . . .	<input type="checkbox"/>	873	
		\$	
4. Gross cash rent or share payments received from renting out farm land or payments received from lease or sale of allotments (Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.) . . . . .	<input type="checkbox"/>	874	
		\$	
5. Other business or source of income which is conducted on or CLOSELY RELATED to the AGRICULTURAL OPERATIONS on this place — Specify kind _____	<input type="checkbox"/>	875	
		\$	

**Part B — EXPENSES FOR FARM-RELATED INCOME SOURCES**

		Farm-related expenses	
		Dollars	Cents
6. For farm-related income sources reported in items 1 through 5 above, enter the total estimated expenses paid by you and others in 1974 (Include all operating expenses, depreciation, taxes, interest, insurance, etc. Do not include expenses already reported in Section 34.) . . . . .	None <input type="checkbox"/>	876	
		\$	

**Section 37 TYPE OF ORGANIZATION, OPERATOR CHARACTERISTICS, and related information****COMPLETE THIS PAGE****■ Part A — Type of Organization**

1. Mark (X) the one box which best describes the way this place was operated in 1974.

- 901 1 ☐ INDIVIDUAL or FAMILY operation (sole proprietorship),  
excluding partnership and corporation
- 2 ☐ PARTNERSHIP operation, including family partnerships 902  
(See separate Instructions.) — Enter number of partners . . .
- 3 ☐ CORPORATION, including family corporations — Skip to Section 38
- 4 ☐ OTHER, such as cooperative, estate or trust, prison farm, grazing association,  
Indian reservation, etc. — Specify type then skip to Section 38 . . . . .

Complete Parts B and C  
below**■ Part B — Farm Operator Characteristics and Related Information for Individual, Family, or Partnership Operations**

1. **Residence** — Where does the operator, 903 1 ☐ On this place  
person in charge, or senior partner of  
this farm or ranch operation live? . . . . .
- Not on this place
- 2 ☐ On another farm
- 3 ☐ In a rural area, not on a farm
- 4 ☐ In a city, town, or urban area

2. What was the earliest year the operator 904  
(or senior partner, if partnership) began  
to operate any part of this place? . . . . . Year

3. How old is the operator (or senior 905  
partner, if partnership)? . . . . . Years old

4. Operator's race — 906 1 ☐ White 4 ☐ Mexican American 5 ☐ Japanese  
Mark (X) appropriate box 2 ☐ Negro or Black Mexican (Mexicano) Chinese  
3 ☐ American Indian Cuban Filipino  
Central or South American  
Other Spanish
- 11 ☐ Other — Specify what race 7

5. **Principal Occupation** — At what occupation did the operator spend 907 1 ☐ Farming  
the majority (50 percent or more) of his work time in 1974?  
(For partnerships, consider all members of the partnership together.) . . . . . 2 ☐ Other

6. **Off-Farm Work** — How many 908 [Mark (X) one for each  
days did each member of the applicable line.]
- |                                    | None                       | 1-49 days                  | 50-99 days                 | 100-149 days               | 150-199 days               | 200 days or more           |
|------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| a. Operator or senior partner. 911 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |
| b. Spouse. . . . . 912             | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |
| c. Other. . . . . 913              | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |
| d. Other. . . . . 914              | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | 3 <input type="checkbox"/> | 4 <input type="checkbox"/> | 5 <input type="checkbox"/> | 6 <input type="checkbox"/> |
- in 1974? (Include work at a nonfarm job, business, profession, or on someone else's farm. Do not include exchange farm work.)

**■ Part C — Family Income from Off-Farm Sources in 1974**(Report amount you and members of your family received in 1974 from the following sources.  
For partnership operations, the report should be for the senior partner and his family.)

- |  | None                     | Income from off-farm sources |       |
|--|--------------------------|------------------------------|-------|
|  |                          | Dollars                      | Cents |
| 1. Operation of a non-farm-related business (not reported in Section 36) or professional practice (Report NET after expenses.) . . . . .   | <input type="checkbox"/> | 921 \$                       |       |
| 2. Cash wages, salaries, commissions, and tips from all jobs (Report amount before deducting taxes.) . . . . .   | <input type="checkbox"/> | 922 \$                       |       |
| 3. Interest, dividends, or royalties . . . . .   | <input type="checkbox"/> | 923 \$                       |       |
| 4. Federal Social Security, pensions, retirement pay, veterans payments, annuities, unemployment insurance, workmen's compensation, and old age and other public assistance. . . . . | <input type="checkbox"/> | 924 \$                       |       |
| 5. Rental income of nonfarm property (Report NET after deduction of expenses.) . . . . .   | <input type="checkbox"/> | 925 \$                       |       |

**Section 38 PERSON COMPLETING THIS REPORT****PLEASE  
PRINT**

Name	Date	Telephone
	931 Month Day	932 Area Code Number

Enter remarks on back cover.

# INSTRUCTION SHEET FOR FORM 74-A1

## 1974 CENSUS OF AGRICULTURE

### INFORMATION AND INSTRUCTIONS TO HELP YOU FILL OUT YOUR REPORT

Please remove this sheet and keep it handy for reference while filling out the report. Additional help may be found in copies of the Farm Census Guide, which should be available for reference at U.S.D.A. County offices and other locations in your area. Do NOT return these instructions with your filled out report.

### GENERAL INFORMATION

- ▶ **(1) Who Should Complete This Form** — All persons receiving this form, including landlords, tenants, partnerships, corporations, institutions, and others should complete the first sections. Most people will need to complete the rest of the form. However, some will be able to skip most of it. Follow the directions at the end of Section 2.
- ▶ **(2) If You Have Multiple Farming Operations** — A census report form should be filled out for each separate and distinct production unit. For example, if you are the sole proprietor of one agricultural operation, the senior partner in an agricultural partnership, and manager of a third agricultural operation, three separate census reports should be filled out and returned by you. A separate report should be made for each agricultural operation (farm, ranch, feedlot, greenhouse, etc.) for which you maintain separate records of operating expenses and sales, livestock and other inventories, machinery and equipment, and crop acreages and production. If you need more forms, please let us know.
- ▶ **(3) If You Don't Have Multiple Farming Operations and You Received Two or More Census of Agriculture Report Forms** — Complete only one form for your place. If you received both a green form (74-A1) and a brown form (74-A2) fill out the green form. Tear off the front covers of any extra forms received, write "Duplicate" beside the extra addresses, and return the covers with your completed report so we can correct our address list.

### INSTRUCTIONS AFTER YOU'VE COMPLETED SECTION 3

Now that you've completed Section 3, please read the following instructions.

- ▶ **(4) Complete the Rest of This Form** — If you reported an acreage in Section 3, item 4, and had agricultural operations on that land. Read the instructions beginning with "More General Information" if you need help. Mail the completed form back in the return envelope provided. (Do NOT return this Instruction Sheet.)
- ▶ **(5) Do Not Complete The Rest of The Form if —**
  - ▶ **EITHER**
    - (a) You reported an acreage in Section 3, item 4 but had no agricultural operations in 1974 on the land.
    - ▶ **OR**
    - (b) All of your land was operated by a renter or sharecropper. (The entry in Section 3, item 4 should be "0" in most cases.) Your renter or sharecropper should have received a report form also and he is required to report the agricultural operations on the land he rents from or works on shares for you. You may be able to help him fill out his report.
    - ▶ **OR**
    - (c) Your only involvement with the agricultural activity was a financial investment and Section 3, item 4 is "0." The operator of that activity will receive a report form to fill out.

If you are not required to complete the rest of the form—PLEASE—

- (1) Tear off the front cover and page one;
- (2) Write a brief explanatory note on the cover describing why you are not a farm operator such as: "Sold farm in 1973;" "No crops or livestock;" "All land rented out;" "Not a farm operator — only have financial interest in some cattle;" and
- (3) Mail back the two torn-off sheets in the return envelope found in the centerfold.

### MORE GENERAL INFORMATION

- ▶ **(6) Partnership Operations** — For partnerships, the senior partner should fill out one report form for the entire partnership farming operation. If members of the partnership operate farms on their own, in addition to the partnership, separate reports should be filled out for each individual place. If members of the farming partnership, other than the senior partner, received report forms and they had no farming operations of their own, they should tear off the cover, write a brief explanation such as "Senior partner has filled out report for partnership — I have no other farming operations of my own," and mail it back to us in the return envelope.
  - ▶ **(7) Landlord's or Contractor's Share** — If you rented or leased land or had a contract for the production of agricultural products, be sure to include on your report the landlord's or contractor's share of the production, sales, and expenses, so your Census report will be complete for "This Place."
- If you do not know the landlord's or contractor's share, include your BEST ESTIMATE.
- ▶ **(8) The Same Report Form is Used For All States Except Hawaii.** Because it is meant for use in all parts of the country, it contains sections which may not apply in your area or to your operation. For these, you can simply mark the "No" box and go to the next section.
  - ▶ **(9) Filling Out the Report Form** — There are a few rules that will help us if you follow them.

(a) All money figures may be entered in whole dollars. Cents are not required.

(b) Enter whole numbers except where tenths are asked for. Where you have 1/2 or 1/4 or 1/3 of an acre or ton, convert these to tenths. For instance, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10, etc.

(c) Enter replies in the proper space, on the correct line, and in the units requested; i.e., dollars, bushels, tons, etc. Some conversion methods are shown on the report form or in the instructions under the appropriate section number.

(d) If you do not have exact figures, give your best estimates.

(e) A section answered by an "X" in the "No" box is finished. Go to the next section indicated.

### INSTRUCTIONS FOR SPECIFIED SECTIONS

#### ▶ Section 3 — Acreage in 1974

The purpose of Section 3 is to establish the land for which you are to report agricultural operations. Report all agricultural land operated by the addressee in 1974—cropland, woodland, pastureland, wasteland, and any other land—not just planted land. Report for all separate pieces of land that are included in this operation, regardless of location.

**Market value** refers to what you think the land and buildings would sell for under present market conditions.

**Item 1 — Land Owned** — Include all land associated with agricultural operations in 1974, whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

**Item 2 — Land Rented (or Leased) FROM OTHERS** — Report here any land you rented FROM OTHERS for cash or equivalent or a share of the crops or livestock or used rent free, regardless of whether the landowner supplied any equipment, fertilizer, or other materials or supervised your work. Also include Federal and State land rented or leased by the acre, but not land used on a per-head or animal-unit basis.

**Item 3 — Land Rented (or Leased) TO OTHERS** — Report here any land rented TO OTHERS for cash or other consideration or that was worked for you by someone else for a share of the crops or livestock. Include all agricultural land which you owned (or rented from others) but did not use in 1974 because it was rented, leased, or used by others in 1974. Do not include land rented to others for only part of the year if you used it for agricultural operations for the other part.

**Item 4 — Acres in "This Place"** — This is the land you owned in 1974 PLUS the land you RENTED FROM others, MINUS the land you RENTED TO others. It is very important that you report this figure correctly since it is the net acreage to which the remainder of the form applies, the "Acres in This Place." That is, your report should cover only the operations on the net acreage as reported in item 4.

#### ▶ Sections 5-16 — Crops

Do not include in your report any crops on land which you rented or leased to others or which was worked on shares by others in 1974. Your report should include only those crops grown on the "Acres in This Place," as reported in Section 3, item 4.

For each applicable crop or group of crops, report the area harvested.

**An example of how to report crops harvested.** — A farmer planted 100 acres of field corn. He harvested 80 acres, getting 7,000 bushels of shelled corn. He irrigated 20 acres and cut them for silage; he estimated the production at 400 tons. He turned his cattle into the 100 acres after the harvest and let them graze. All 100 acres were fertilized using 17-3/4 tons of dry fertilizer. His entries on the Census report are shown in the following illustration.

#### Section 5 — Was any FIELD CORN harvested for any purpose from this place in 1974?

☒ YES — Complete this section when you reach these sections.  
☐ NO — Go to Section 6

Report sweet corn in Section 12 and popcorn in Section 16

Acres harvested	Quantity harvested		Acres irrigated
	Bushels shelled	Tons green weight	
101 80	7000		2
102 20	400		20
103			
4. Commercial fertilizer used on field corn			
104 /00	17	3/4	1/8

No provision is made for reporting acres grazed after harvest. Since letting the cattle graze was a secondary use of land already harvested, the farmer **did not** have to make any entry in item 3.

**Quantity harvested** — Report in the units specified. If your records show a different unit than printed on the form, please convert to the unit shown. A choice of two units is provided for some crops.

**Commercial fertilizer** — Report the total number of acres fertilized in 1974 and the total tons and tenths of tons (including filler), used on all applications. Report anhydrous ammonia in the "Liquid or gas" column.

## APPENDIX C Continued

**Interplanted crops and "skip-row" planting** — If you grew two crops in alternate strips in the same field at the same time, or one crop in a "skip-row" pattern, for each crop report the portion of the field used for that crop.

### ► Section 12 — Vegetables

Acres are to be reported for fresh market and/or for processing. If a vegetable crop was harvested for **both** purposes, prorate the acreage on the basis of the production for each use. For example, 2 tons of tomatoes were picked for fresh market from a 5-acre field; later the same 5 acres were picked and the 8 tons of tomatoes harvested went for processing. Since 2/10 of the production was for fresh market and 8/10 for processing, report 1 acre (2/10 X 5) for fresh market and 4 acres (8/10 X 5) for processing. If you don't know what use was made of the vegetables, report them under the purpose for which you think they were used.

### ► Section 13 — Fruit

If trees or vines are interplanted, estimate the area covered by each kind of fruit.

**Approximate Box Weight — Pounds Per Box**

State	All Oranges*	Grapefruit	Tangerines	Lemons
Arizona	75	64	75	76
California	75	65	75	76
Florida	90	85	95	90
Texas	90	80	95	90
Other States	90	85	95	90

\*Includes Temples and Tangelos

**Avocados** — Quantity harvested — In California report for the period October 1, 1973 to September 30, 1974. In Florida report for the period July 1, 1974 to about February 28, 1975.

**Figs** — Report quantity harvested in dry weight. In California 3 lbs. fresh = 1 lb. dry. Other States 4 lbs. fresh = 1 lb. dry.

### ► Section 18 — Land Use in 1974

All acres included in this place (see entry in Section 3, item 4) should be accounted for. If any acreage was devoted to more than one specified land use during 1974, report the acreage only on the line for the first item which fits. (For example, 10 acres harvested for wheat for grain and subsequently pastured — report the 10 acres only in item 2a, Cropland harvested.)

### ► Section 19 — Irrigation

Report the estimated quantity of water used in the unit of measure most convenient for you.

**Acre-feet** — Many irrigation districts show amount of water delivered to their users in acre-feet on their bills. If you do not know the acre-feet of water used but have an estimate of average acre-feet used per acre, obtain the total acre-feet by multiplying the average times the number of acres irrigated.

**Gallons** — Irrigators pumping from their own wells may estimate total gallons used by multiplying the pumping capacity for the pump times minutes in the hour (60), times hours pumped per day, times days pumped per season during 1974. For example, a 100 gal/minute pump was pumped an average of 20 hours per day for a season of 96 days. One hundred gal/minute times 60 minutes, times 20 hours pumped per day, times 96-day season = 11,520,000 gallons.

**Total inches** — When a sprinkler system is used, it may be simpler to estimate the total depth in inches of all water applied during the season.

### ► Sections 22-26 — Livestock and Poultry

**Animals to be included in the report** — Report all animals on the place on December 31, 1974 **owned by you or kept by you** for others. Include animals on unfenced land, grazing on national forest land, grazing on district land or cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis (such as wheat pasture). Include poultry (broilers, layers, turkeys, etc.) fed under contract on "This Place."

**Animals to be excluded from the report** — Do not report any animals on land rented to others in 1974. Your report should include only animals on the "Acres in This Place" as reported in Section 3, item 4, except as noted above.

**Number sold** — Report all animals sold or removed from this place including those sold for a landlord or given to a landlord as his share or to others in trade or in payment for goods and services. Include animals of all ages without regard to ownership or who shared in the receipts if the animals were located on the place 30 days or more and were sold or removed from the place for sale in 1974.

**Sales from contract and custom feeding operations** — Include animals (including poultry fed under contract) fed on this place on a contract or custom basis if they were removed from the place in 1974.

**Animals bought and sold** — Do not include animals bought and resold within 30 days. Such purchases and sales are considered to be "dealer" transactions and should not be reported.

**Fat cattle sales** — Do not include on the fattened cattle line:

- (a) Veal calves which were fattened primarily on milk, or
- (b) Dairy cows fed only the usual dairy ration before being sold, or

(c) Cattle and calves that have been fed on grain or concentrates and sold for further feeding.

**Value of sales** — Be sure to report the total value of sales without deducting cost of feed, cost of livestock purchased, cost of hauling and selling, and so forth. If the sales price or value is not known, give your best estimate of their value when they left this place.

**Animals sold from another place** — Do not report the value of sales of animals owned by you but held and sold from someone else's place. For example, do not report cattle purchased elsewhere, fed in, and sold from a feedlot not part of this place.

**Animals moved to another place** — For animals removed from your place to a feedlot for feeding, give your best estimate of their market value when they left this place.

**Sheep and lambs shorn** — In the first answer space report the number shorn; in the second answer space report the total weight in pounds, grease basis, of all wool obtained in 1974, whether from one or two shearings.

### ► Section 28 — Miscellaneous Items

**Futures market** — Report those commodities you bought or sold (or bought and sold) through a commodity exchange as a hedge against crops produced on this place. Do not report transactions in any commodities not grown on the place. For example, if you bought or sold both wheat and cotton through a commodity exchange and wheat was grown on the place but no cotton, mark only the box opposite wheat.

### ► Section 29 — Contracts

Many farm products are produced and marketed under a contract or binding agreement between the farm operator (producer) and the person who buys or uses the farm product. It may be a production contract, a marketing contract, or a combination of both. **Production contracts** usually specify the kind and/or amount of farm product to be produced and may specify variety or breed, the operations to be performed during production, and the inputs and technical assistance to be supplied by the contractor. **Marketing contracts** usually specify the kind and/or amount of farm product to be delivered but usually do not specify the particular operations or methods to be used in production.

For each product under contract, report the type of contract. Co-op contractors should include production contracts with cooperative processors. Do not include contracts made by you for services (customwork, hauling, etc.) or to produce farm items for you wherein you are the purchaser rather than the supplier of the products.

If a sales contract or agreement provides also for supplying or furnishing feed, seed, labor, or equipment, report it as a production contract. Do not report contracts or agreements which do not provide **specifically** for the production or marketing of agricultural products.

### ► Section 33 — Farm Credit

**Item 1 — Debts Secured by Real Estate** — Do not include debt on land and buildings rented to or from others. If you owned a farm, with a debt on it, and rented part of it to others or had worked on shares, report (estimate) only the part of the debt that relates to the part operated by you.

**Item 2 — Debts Not Secured by Real Estate** — Do not report: (1) debts on nonagricultural property such as cotton gins, canning factories, sugar mills, motels, stores, etc.; (2) price support loans owed to the Commodity Credit Corp.; (3) your landlord's share of any debts; or (4) charge accounts that are paid in full monthly (debts owed for less than 30 days).

### ► Section 36 — Income and Expenses from Farm-Related Sources

Items 1, 2, and 5 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on this place, and which you do not consider as entirely separate from your farming activities. **Report gross amount received before taxes and expenses.**

Do not report income or expenses for customwork or agricultural services provided for others if operated as an entirely separate business from your agricultural operations. The net amount should be reported in Section 37 — Family Income from Off-Farm Sources (Part C, item 1).

### ► Section 37 — Type of Organization

**Individual or family operation (sole proprietorship)** — Defined as a farm or business organization controlled and operated by an individual. Includes family operations that are **not** incorporated and **not** operated under a partnership agreement.

**Partnership operations** — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife do not necessarily mean that a partnership exists unless there is some agreement as to sharing contributions, decision making, profits, and liabilities.

**Corporation, including family corporations** — Defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does **not** include cooperatives.

**Other** — Such as cooperative (defined as an incorporated or unincorporated enterprise or association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, etc.



U.S. DEPT. OF COMMERCE  
Social and Economic Statistics  
Administration  
BUREAU OF THE CENSUS

**1974  
CENSUS OF  
AGRICULTURE**

**PLEASE** remove the envelope and Instruction Sheet from the center of this booklet and . . . **KEEP THEM HANDY.**

**EXPLANATIONS AND INSTRUCTIONS** are provided all through the form with more detail in the Instruction Sheet you have removed from the center of this report. Use them — **they will help.**

***A Message from the Director  
of the Bureau of the Census...***

January 2, 1975

Dear Friend:

It's time for the 1974 Census of Agriculture, and we need your help.

Please fill out this report and return it in the envelope provided.

This is a most important census. Many changes have occurred in agriculture since 1969 when the last census was taken. It is important to you that these changes be measured and understood by other farmers and ranchers as well as by those who serve you and them.

Your answers are needed and are **COMPLETELY CONFIDENTIAL**, as spelled out in the Notice at the right of this letter.

Please fill out your report and send it back right away. We'll appreciate it very much.

Sincerely,



VINCENT P. BARABBA  
Director  
Bureau of the Census

**NOTICE — Response to this inquiry is required by law.** (Title 13, U.S. Code) By the same law **YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL.** It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report **CANNOT** be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

**NOTE:** If you correspond with us regarding your report, please use the **Census File Number** shown in the address block on the booklet cover.


**Complete this report  
and RETURN TO**



**BUREAU OF THE CENSUS  
1201 East Tenth Street  
Jeffersonville, Indiana 47130**

**Section 1** Did you receive more than one report form?

- ☐ YES — See separate Instructions
- ☐ NO — Go to Section 2

Enter extra file number(s) here 


**Section 2** **FARMING, RANCHING, OR OTHER AGRICULTURAL ACTIVITIES IN 1974**

1. At any time in 1974 did you raise, produce, or sell ANY amount of any of the items listed below? . . . . . 1 ☐ 2 ☐

- Crops
  - Hay, pasture, sod
  - Vegetables, melons, mushrooms
  - Fruits, nuts, berries, and citrus

- Cattle (including feedlots)
  - Hogs, sheep, goats, horses
  - Poultry, eggs
  - Dairy products
  - Forest products on farms


- Greenhouse and nursery products
  - Fish in captivity
  - Fur-bearing animals in captivity
  - Other animal specialties
2. Did you at any time in 1974 raise or produce any agricultural products for contractors such as feed companies, processors, or packers? . . . . . 1 ☐ 2 ☐
3. Did you raise or produce any agricultural products for others or with others under a partnership, share arrangement, or other rental agreement in 1974? . . . . . 1 ☐ 2 ☐
4. Did you own any land that was used by someone else for agricultural purposes in 1974? . . . . . 1 ☐ 2 ☐
5. Did you own any livestock or poultry that was cared for by someone else under a share agreement or custom arrangement in 1974? . . . . . 1 ☐ 2 ☐

► If you answered **YES** to **ANY** of these questions, go to Section 3.

► If you answered **NO** to **ALL** five of these questions, tear off this front cover and mail it back to us in the envelope provided.

**Section 3** ACREAGE in 1974 and LAND VALUE

*Include all cropland, pastureland, rangeland, woodland, wasteland, idle land, house lots, etc.*

1. ALL land owned. . . . . ☐ None
2. ALL land rented or leased FROM OTHERS, including land worked on shares; leased Federal, State, and railroad land; and land used rent free. (Do NOT include land used on a per-head basis under a grazing permit.) . . . ☐
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. . . . . ☐
4. **TOTAL ACRES IN "THIS PLACE"** ① (Please ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented to others (item 3), and enter your answer in this space.) 
- ① "THIS PLACE" means your farm or ranch, feedlots, poultry houses, greenhouses, and/or any other agricultural operations.

Number of acres	Your estimate of the current market value of these acres and the buildings on them	
	Dollars	Cents
040	1	
	\$	
050	1	
	\$	
060	1	
	\$	
070	These are the ACRES in "THIS PLACE" ① for this census report	

5. If you rented land FROM OTHERS (item 2 above), please enter the following information for each landlord.

Name	Address (No. and street, city, State, ZIP code)	Number of acres	Rental arrangements in 1974 Mark (X) all that apply			
			Share of crops	Share of livestock or products	Cash as rent	Other arrangements
		081	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		082	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>
		083	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input type="checkbox"/>

List additional landlords on back cover.

6. If you rented land TO OTHERS (item 3 above), please enter the following information for each renter.

Name	Address (No. and street, city, State, ZIP code)	No. of acres
		085
		086
		087

List additional renters on back cover.

7. Of the land you rented or leased from others (item 2 above), how many acres did you subrent or sublease to others? (Include land rented or leased by you which was worked on shares by others.) . . . . . ☐ None

Number of acres	Current market value
088	1
	\$

**PLEASE READ**

You may be able to skip most of this form if —

- a. All the land you owned or rented was worked on shares or rented to someone else.  
 b. There were no crops or livestock in 1974 on the acres in "THIS PLACE" (item 4 above).  
 c. The land you operated prior to 1974 has been sold to someone else.

If a, b, or c apply to your operation, please read the Instructions before continuing with this report.

**Section 4** LOCATION OF AGRICULTURAL ACTIVITY

1. In what county was the largest value of your agricultural products raised or produced? (Enter county name, State, and number of acres on the "Principal county" line. If you have agricultural operations in any other county(ies), enter the county name(s), etc., on the lines provided for "Other counties.") . . . . .
2. Location of place within principal county entered above. (Give name of township, district, precinct, etc., or Township — Range numbers.) . . . . .

Principal county	County name	State	No. of acres
			091
Other counties			092
			093
			094

Name of location

CENSUS  
USE  
ONLY

Section 5 CROPS HARVESTED FOR ANY PURPOSE FROM THIS PLACE IN 1974

Report all crops harvested. Include crops grown under contract. Be sure to include landlord's share.

1. Field corn for grain or seed (Report quantity on a shelled basis in either **bushels or hundredweight**. 70 lbs. ear corn or 56 lbs. shelled corn = 1 bushel shelled corn.) . . . . . ☐
2. Field corn for silage, cut for green chop or dry fodder, hogged or grazed (Do not include acres already reported in item 1.). . . . . ☐
3. Sorghums or milo for grain or seed (Report quantity harvested in either **bushels or pounds**.) . . . . . ☐
4. Sorghums for silage, cut for green chop, dry forage or hay, or hogged or grazed (Do not include acres already reported in item 3.). . . . . ☐
5. Soybeans for beans . . . . . ☐
6. Peanuts for nuts . . . . . ☐
7. Wheat for grain . . . . . ☐
8. Other small grains for grain — oats, barley for rye, rice, etc. — Specify \_\_\_\_\_ ☐
9. Cotton . . . . . ☐
10. Tobacco — all types . . . . . ☐
11. Irish potatoes (excluding home use) . . . . . ☐
12. Sweetpotatoes (excluding home use) . . . . . ☐
13. Hay — all kinds except sorghum hay (Include grain hay, grass silage, wild hay, etc. If two or more cuttings were made from the same land, REPORT ACRES ONLY ONCE, but report total tons of all cuttings.) . . . . . ☐
14. Vegetables, sweet corn, or melons for sale . . . . . ☐
15. Land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees of all ages (Include land on which the fruit crop failed. Do not include abandoned acreages or plantings.) — Specify \_\_\_\_\_ ☐
16. Berries for sale — Specify \_\_\_\_\_ ☐
17. All other crops (Include field seeds, sugar crops; nursery products; flowers, etc., grown in the open; sod, etc.) — Specify \_\_\_\_\_ ☐

None

Acres harvested	Quantity harvested
101	1 Bushels shelled OR 6 Hundredweight shelled
104	
111	1 Bushels OR 6 Pounds
115	
121	1 Bushels
122	1 Pounds
130	1 Bushels
136	
151	1 Bales
152	1 Pounds /10
153	1 Hundredweight /10
154	1 Bushels /10
170	1 Tons, dry
240	/10
301	/10
401	/10
430	/10

18. If any greenhouse products were sold, how many square feet were under glass or other protection? . . . . .

Square feet
460

**Section 6** LAND USE IN 1974

The purpose of this section is to distribute all acres in "THIS PLACE" among items 1 through 5.

- **NOTE:** If the same land had more than one use in 1974, REPORT THAT LAND ONLY ONCE — in the first use that applies. For example, cropland that was harvested and pastured is to be reported only as "Cropland harvested."

1. Cropland harvested (Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse products. If two crops were harvested from the same land in 1974, report the acres only once.) . . . . .
2. Cropland used only for pasture or grazing . . . . .
3. All other cropland (Include cropland used for soil-improvement crops, crop failure, cultivated summer fallow, and idle cropland.) . . . . .
4. Woodland (Include woodland pasture.) . . . . .
5. All other land (Include pastureland other than cropland and woodland pasture, rangeland, and land in house lots, barn lots, ponds, roads, wasteland, etc.) . . . . .
6. **TOTAL ACRES IN "THIS PLACE"** (Please add the acres reported in items 1 through 5 and enter the total in this space.)  
(This total should be the same as the total in Section 3, item 4.)

Number of acres	
502	
503	
504	
510	
513	
517	

7. How much of the total land reported in item 6 was IRRIGATED in 1974? . . . . .

528

Acres irrigated

**Section 7** LIVESTOCK AND POULTRY

Be sure to report all livestock and poultry on this place on December 31, 1974, no matter who owned them. Include as sold all livestock and poultry fed on a contract or custom basis and taken from this place in 1974.

1. Hens and pullets of laying age (Exclude started pullets being raised for sale.) . . . . . ☐
2. Any other chickens 3 months old or older (roosters, started pullets, etc.) . . . . . ☐
3. Broilers, fryers, and other meat-type chickens (including capons and roasters) . . . . . ☐
4. Cattle and calves of all ages . . . . . ☐
  - a. Beef cows (Include beef heifers that had calved.) . . . . . ☐
  - b. Milk cows (Include dry milk cows and milk heifers that had calved.) . . . . . ☐
5. Hogs and pigs of all ages . . . . . ☐
  - a. Of the total sold, how many were sold as FEEDER PIGS for further feeding? . . . . . ☐
  - b. Litters of pigs farrowed on this place between — None ☐

Number of litters	
(1) December 1, 1973 and May 31, 1974 . . . . .	<input type="checkbox"/>
(2) June 1, 1974 and November 30, 1974 . . . . .	<input type="checkbox"/>

	INVENTORY	
	Number on this place December 31, 1974	Number sold in 1974
None 601		1
604		1
608		1
631		1
632		
633		
651		1
		2
654		
655		
None 661		1
670		1
698		1
699		1

Specify what kind \_\_\_\_\_

**Section 8** **MACHINERY AND EQUIPMENT on this place on December 31, 1974***(Include only equipment used for agricultural operations in 1973 or 1974.)***Value of ALL machinery and equipment on this place, December 31, 1974**

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? *(Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.)*

Estimated market value	
Dollars	Cents
701	
\$	

**SELECTED machinery and equipment on this place, December 31, 1974***(Report only if used in 1973 or 1974.)*

	Total number on this place on December 31, 1974	Of the total, HOW MANY were manufactured in the last 5 years (1970-1974)? (Number)
2. Automobiles . . . . .	702	1
3. Motortrucks <i>(Include pickups.)</i> . . . . .	703	1
4. Wheel tractors other than garden tractors and motor tillers . . . . .	704	1
5. Crawler tractors . . . . .	705	1
6. Grain and bean combines, self-propelled only . . . . .	706	1
7. Corn heads for combines . . . . .	707	1
8. Other corn pickers and picker-shellers . . . . .	708	1
9. Mower conditioners . . . . .	709	1
10. Pickup balers . . . . .	710	1
11. Windrowers — pull and self-propelled <i>(Exclude side delivery rakes.)</i> . . . . .	711	1
12. Field forage harvesters, shear bar or flywheel type . . . . .	712	1

**Section 9** **Production EXPENSES paid by you and others for this place in 1974**

*Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products on this place. DO NOT INCLUDE expenses connected with performing customwork off this place, operation of non-farm activities, businesses or services and household expenses not related to the farm business.*

1. Livestock and poultry purchased—cattle, calves, hogs, pigs, sheep, lambs, goats, horses, baby chicks, poult, started pullets, etc. . . . .
2. Total feed purchased for livestock and poultry—grain, hay, silage, mixed feeds, concentrates, etc. . . . .
- a. Commercially mixed formula feeds purchased — complete, supplement, concentrates *(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea).* . . . .

Tons	Tenths	Dollars	Cents
803	1		
	/10	\$	

Production expenses	
Dollars	Cents
801	
\$	
802	
\$	
803	
\$	
808	
\$	
809	
\$	
811	
\$	
821	
\$	
823	
\$	
824	
\$	
826	
\$	
827	
\$	
829	
\$	

3. Seeds, bulbs, plants, and trees purchased. . . . .
4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum *(Report custom application costs in item 8.)* . . . . .
5. Total gasoline and other petroleum fuel and oil purchased for the farm business — Diesel fuel, LP gas, butane, propane, piped gas, kerosene, fuel oil, motor oil, grease, etc. . . . .
6. Hired farm labor . . . . .
7. Contract labor . . . . .
8. Machine hire and customwork *(Include expenditures for this place for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, silo filling, spraying, dusting, fertilizing, drying, etc.)* . . . . .
9. Agricultural chemicals purchased *(Include lime, insecticides, etc. Exclude fertilizer.)* . . . . .
10. All other production expenses *(Include other current operating expenses such as depreciation, taxes, interest, cash rent, insurance, repairs, electricity, purchase of water, etc., for the farm business.)* . . . . .
11. **TOTAL PRODUCTION EXPENSES** including expenses paid by landlords, contractors, or others *(Add dollars for items 1 through 10 and enter total here.)*

**Section 10** Value of AGRICULTURAL PRODUCTS SOLD from this place in 1974 before taxes and expenses

Report your best estimates of the value of each of the following groups of products sold from this place. Include value of landlord's and/or contractor's share, estimating if necessary.

		Estimated value of products sold	
		Dollars	Cents
1. Crops and hay sold (Do not include nursery and greenhouse products.) . . . . .	\$	831	
2. Nursery and greenhouse products sold . . . . .	\$	839	
3. Forest products sold — firewood, fuelwood, fenceposts, sawlogs, Christmas trees, gum for naval stores, standing timber or trees, maple products, etc. . . . .	\$	849	
4. Poultry and poultry products (eggs, etc.) sold . . . . .	\$	852	
5. Livestock and livestock products (milk, wool, etc.) sold . . . . .	\$	858	
6. TOTAL VALUE OF PRODUCTS SOLD including value of landlord's and/or contractor's share (Add dollars entered in items 1 through 5 and enter total here.)	\$	859	

**Section 11** INCOME AND EXPENSES from FARM-RELATED SOURCES IN 1974

**Part A — INCOME FROM FARM-RELATED SOURCES**

(Report amount received before taxes and expenses.)

		Farm-related income	
		Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. (If customwork is a separate business, see Instructions.) . . . . .	<input type="checkbox"/>	871	
2. Recreational services — providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational facilities on this place . . . . .	<input type="checkbox"/>	872	
3. Payments you received for participation in Government farm programs (Do not include redeemable loans.) . . . . .	<input type="checkbox"/>	873	
4. Gross cash rent or share payments received from renting out farm land or payments received from lease or sale of allotments (Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.) . . . . .	<input type="checkbox"/>	874	
5. Other business or source which is conducted on or CLOSELY RELATED to the AGRICULTURAL OPERATIONS on this place — Specify kind _____	<input type="checkbox"/>	875	

**Part B — EXPENSES FOR FARM-RELATED INCOME SOURCES**

		Farm-related expenses	
		Dollars	Cents
6. For farm-related income sources reported in items 1 through 5, enter the total estimated expenses paid by you and others in 1974 (Include all operating expenses, depreciation, taxes, interest, insurance, etc. Do NOT include expenses already reported in Section 9.) . . . . .	<input type="checkbox"/>	876	

Section 12 FARM OPERATOR CHARACTERISTICS

903  
1. Where does the operator, person in charge, of this farm or ranch live? . . . . .  
1 ☐ On this place  
Not on this place — { 2 ☐ On another farm  
3 ☐ In a rural area, not on a farm  
4 ☐ In a city, town, or urban area

904  
2. Year operator began to operate any part of this place . . . . . \_\_\_\_\_ Year

905  
3. Operator's age . . . . . \_\_\_\_\_ Years old

906  
4. Operator's race — Mark (X) appropriate box  
1 ☐ White  
2 ☐ Negro or Black  
3 ☐ American Indian  
4 ☐ Mexican American Chicano  
Mexican (Mexicano)  
Puerto Rican  
Cuban  
Central or South American  
Other Spanish  
5 ☐ Japanese  
Chinese  
Filipino  
11 ☐ Other — Specify what race

907  
5. Principal Occupation — At what occupation did the operator spend the majority (50 percent or more) of his work time in 1974? (For partnerships, consider all members of the partnership together.) . . . . .  
1 ☐ Farming  
2 ☐ Other

911  
6. Number of days operator worked off this place in 1974 (Include work at a nonfarm job, business, or profession, or on someone else's farm. Do not include exchange farm work.) — Mark (X) the appropriate box.  
1 ☐ None  
2 ☐ 1 – 49 days  
3 ☐ 50 – 99 days  
4 ☐ 100 – 149 days  
5 ☐ 150 – 199 days  
6 ☐ 200 days or more

920  
7. Was the income which you and your family received from work off the farm and from other sources greater than the total value of agricultural products sold from this place in 1974? . . . . .  
1 ☐ Yes  
2 ☐ No

8. Person preparing this report  PLEASE PRINT	Name	Date		Telephone	
		931 Month	Day	932 Area code	Number

REMARKS — Please write your remarks on the outside back cover where we can more readily see and respond to them if required.

# INSTRUCTION SHEET FOR FORM 74-A2

## 1974 CENSUS OF AGRICULTURE

### INFORMATION AND INSTRUCTIONS TO HELP YOU FILL OUT YOUR REPORT

Please remove this sheet and keep it handy for reference while filling out the report. Additional help may be found in copies of the Farm Census Guide, which should be available for reference at U.S.D.A. County offices and other locations in your area. Do NOT return these instructions with your filled out report.

### GENERAL INFORMATION

► **(1) Who Should Complete This Form** — All persons receiving this form, including landlords, tenants, partnerships, corporations, institutions, and others should complete the first sections. Most people will need to complete the rest of the form. However, some will be able to skip most of it. Follow the directions at the end of Section 2.

► **(2) If You Have Multiple Farming Operations** — A census report form should be filled out for each separate and distinct production unit. For example, if you are the sole proprietor of one agricultural operation, the senior partner in an agricultural partnership, and manager of a third agricultural operation, three separate census reports should be filled out and returned by you. A separate report should be made for each agricultural operation (farm, ranch, feedlot, greenhouse, etc.) for which you maintain separate records of operating expenses and sales, livestock and other inventories, machinery and equipment, and crop acreages and production. If you need more forms, please let us know.

► **(3) If You Don't Have Multiple Farming Operations and You Received Two or More Census of Agriculture Report Forms** — Complete only one form for your place. If you received both a green form (74-A1) and a brown form (74-A2) fill out the green form.

Tear off the front covers of any extra forms received, write "Duplicate" beside the extra addresses and return the covers with your completed report so we can correct our address list.

### INSTRUCTIONS AFTER YOU'VE COMPLETED SECTION 3

Now that you've completed Section 3, please read the following instructions.

► **(4) Complete the Rest of This Form** if you reported an acreage in Section 3, item 4, and had agricultural operations on that land. Read the instructions beginning with "More General Information" if you need help. Mail the completed form back in the return envelope provided. (Do NOT return this Instruction Sheet.)

► **(5) Do Not Complete The Rest of The Form if —**

#### ► EITHER ◀

(a) You reported an acreage in Section 3, item 4, but had no agricultural operations in 1974 on the land.

#### ► OR ◀

(b) All of your land was operated by a renter or sharecropper. (The entry in Section 3, item 4 should be "0" in most cases.) Your renter or sharecropper should have received a report form also and he is required to report the agricultural operations on the land he rents from or works on shares for you. You may be able to help him fill out his report.

#### ► OR ◀

(c) Your only involvement with the agricultural activity was a financial investment and Section 3, item 4 is "0." The operator of that activity will receive a report form to fill out.

If you are not required to complete the rest of the form—PLEASE—

(1) Tear off the front cover and page one;

(2) Write a brief explanatory note on the cover describing why you are not a farm operator such as: "Sold farm in 1973," "No crops or livestock," "All land rented out," "Not a farm operator — only have financial interest in some cattle;" and

(3) Mail back the two torn-off sheets in the return envelope found in the centerfold.

### MORE GENERAL INFORMATION

► **(6) Partnership Operations** — For partnerships, the senior partner should fill out one report form for the entire partnership farming operation. If members of the partnership operate farms on their own, in addition to the partnership, separate reports should be filled out for each individual place. If members of the farming partnership, other than the senior partner, received report forms and they had no farming operations of their own, they should tear off the cover, write a brief explanation such as "Senior partner has filled out report for partnership — I have no other farming operations of my own," and mail it back to us in the return envelope.

► **(7) Landlord's or Contractor's Share** — If you rented or leased land or had a contract for the production of agricultural products, be sure to include on your report the landlord's or contractor's share of the production, sales, and expenses, so your Census report will be complete for "This Place."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE.

► **(8) Filling Out the Report Form** — There are a few rules that will help us if you follow them.

(1) All money figures may be entered in whole dollars. Cents are not required.

(2) Enter whole numbers except where tenths are asked for. Where you have 1/2 or 1/4 or 1/3 of an acre or ton, convert these to tenths. For instance, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10, etc.

(3) Enter replies in the proper space, on the correct line, and in the units requested; i.e., dollars, bushels, tons, etc.

(4) If you do not have exact figures, give your best estimates.

### INSTRUCTIONS FOR SPECIFIED SECTIONS

#### ► Section 3 — Acreage in 1974

The purpose of Section 3 is to establish the land for which you are to report agricultural operations. Report all agricultural land operated by the addressee in 1974—cropland, woodland, pastureland, wasteland, and any other land—not just planted land. Report for all separate pieces of land that are included in this operation, regardless of location.

**Market value** refers to what you think the land and buildings would sell for under present market conditions.

**Item 1 — Land Owned** — Include all land associated with agricultural operations in 1974, whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate by you and/or your spouse; or by the partnership, corporation, or organization for which you are reporting.



**Item 2 — Land Rented (or Leased) FROM OTHERS** — Report here any land you rented FROM OTHERS for cash or equivalent or a share of the crops or livestock or used rent free, regardless of whether the landowner supplied any equipment, fertilizer, or other materials or supervised your work. Also include Federal and State land rented or leased by the acre, but not land used on a per-head or animal-unit basis.

**Item 3 — Land Rented (or Leased) TO OTHERS** — Report here any land rented TO OTHERS for cash or other consideration or that was worked for you by someone else for a share of the crops or livestock. Include all agricultural land which you owned (or rented from others) but did not use in 1974 because it was rented, leased, or used by others in 1974. Do not include land rented to others for only part of the year if you used it for agricultural operations for the other part.

**Item 4 — Acres in "This Place"** — This is the land you owned in 1974 PLUS the land you RENTED FROM others, MINUS the land you RENTED TO others. It is very important that you report this figure correctly since it is the net acreage to which the remainder of the form applies, the "Acres in This Place." That is, your report should cover only the operations on the net acreage as reported in item 4.

► **Section 5 — Crops**

Do not include in your report any crops on land which you rented or leased to others or which was worked on shares by others in 1974. Your report should include only those crops grown on the "Acres in This Place," as reported in Section 3, item 4.

For each applicable crop or group of crops, report the area harvested. Notice that items 1 through 9 and 13 ask for whole acres, while items 10, 11, 12, 14, 15, 16, and 17 ask for acres and tenths, and item 18 should be reported in square feet.

**Quantity harvested** — Report in the units specified. If your records show a different unit than printed on the form, please convert to the unit shown. A choice of two units is provided for corn and sorghums.

**Interplanted crops and "skip-row" planting** — If you grew two crops in alternate strips in the same field at the same time, or one crop in a "skip-row" pattern, for each crop report the portion of the field used for that crop.

► **Section 6 — Land Use in 1974**

All acres included in this place (see entry in Section 3, item 4) should be accounted for. If any acreage was devoted to more than one specified land use during 1974, report the acreage only on the line for the first item which fits. (For example, 10 acres harvested for wheat for grain and subsequently pastured—report the 10 acres only in item 1, Cropland harvested.)

► **Section 7 — Livestock and Poultry**

**Animals to be included in the report** — Report all animals on the place on December 31, 1974 owned by you or kept by you for others. Include animals on unfenced land, grazing on national forest land, grazing on district land or cooperative grazing association land, or rangeland administered by the Bureau of Land Management. Include poultry (broilers, layers, turkeys, etc.) fed under contract on "This Place."

**Animals to be excluded from the report** — Do not report any animals on land rented to others in 1974. Your report should include only animals on the "Acres in This Place" as reported in Section 3, item 4, except as noted above.

**Number sold** — Report all animals sold or removed from this place including those sold for a landlord or given to a landlord as his share or to others in trade or in payment for goods and services. Include animals of all ages without regard to ownership or who shared in the receipts if the animals were located on the place 30 days or more and were sold or removed from the place for sale in 1974.

**Sales from contract and custom feeding operations** — Include animals (including poultry fed under contract) fed on this place on a contract or custom basis if they were removed from the place in 1974.

► **Section 9 — Production Expenses**

Report costs incurred for items and services received during 1974 whether or not payment has been made. If you are a tenant farmer or a part-owner, you should report expenditures by landlords for agricultural operations on this place as well as your own expenditures. If you rent part of your land to others, you should report only that money spent for agricultural operations on land you used during 1974 — "Acres in This Place." Estimate the cost of items furnished by contractors.

► **Section 10 — Value of Agricultural Products Sold**

The items in this section relate to the agricultural production for the "Acres in This Place." Report the value of all products sold or removed from this place in 1974. Do not deduct any production costs. Include the value of a landlord's or contractor's share.

Report the total gross value of all crops sold from this place in 1974 regardless of the year they were produced, and the value of all poultry, livestock, and their products sold from this place during 1974. Include the full value of any shares given to or sold for landlords and others in payment for services or products; any products raised and sold under contract, any products sold from this place by members of the family of the person in charge of the place; crops sold in the field; crops harvested by the processor; and crops shipped to a central market.

Do not deduct any cost or expenses incurred in producing these products.

**Crops sold** — Include the value of any grains or other agricultural commodities placed or to be placed under Commodity Credit Corporation loan or seal and any share given to or sold for landlords and others.

**Poultry and livestock sales** — If there are entries in the "number sold" column for any items in Section 7, there should be an entry in item 4 and/or 5.

For livestock, poultry, and poultry products produced under contract, report the total market value (estimate if necessary) of those sold or removed from "This Place."

**Landlords** — If you rent land to others and also operate land yourself, report only those products sold from the part of your land that you operate as your place. Do not include crops, animals, or other farm products produced by cash tenants, share tenants, sharecroppers, or renters.

► **Section 11 — Income and Expenses from Farm-Related Sources**

Items 1, 2, and 5 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on this place, and which you do not consider as entirely separate from your farming activities. **Report gross amount received before taxes and expenses.**

Do not report income or expenses for customwork or agricultural services provided for others if operated as an entirely separate business from your agricultural operations.

► **Section 12 — Farm Operator Characteristics**

Report this information for the person who is responsible for the agricultural activities on this place. Normally, this is the person who does the work or directly supervises the work. He may be an owner, tenant, sharecropper, etc.

For partnerships, report information for the partner mainly in charge, or if in doubt, report for the eldest.

**GENERAL**

► (1) If additional forms are needed, write to the —

**Bureau of the Census  
Agriculture Branch  
1201 East Tenth Street  
Jeffersonville, Indiana 47130**

► (2) To avoid unnecessary follow-ups, please complete the form and return it as soon as possible. Response to this inquiry is required by law (Title 13, U.S. Code).